

INSIGHTS BY INFOMATRIX



An IT-Club initiative



Link to previous edition



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FROM THE EDITOR



INSIGHTS BY INFOMATRIX JUNE EDITION

Welcome to another electrifying edition of Insights by Infomatrix, your one-stop shop for all things IT! This month, we delve into the fascinating world of IT developments with a touch of humor and a lot of heart. The IT industry is bustling with activity, from the continuous evolution of cloud computing and the rise of Generative AI (GenAI) to the ongoing talent crunch and the push for better work-life balance. Our tech acrobats are balancing cost optimization while riding the AI unicycle, all while juggling the challenges of retaining skilled professionals and debating the merits of a healthier work week.

Knowledge Snacks for the Business Brain

Our articles are like a gourmet buffet for your business brain. We're talking delicious insights on how blockchain technology is more than just Bitcoin – it's now the bodyguard for your health records and academic transcripts. Plus, AI is turning into your legal BFF, summarizing those dense legalese documents into something even a first-year student can (almost) understand.

Speaking of BFFs, our epic Alteryx workshop with Lakshay Sharma from KPMG was a data manipulation masterclass. Now you can analyze data like a pro, making those fancy charts in Tableau and Power BI look like child's play (well, almost child's play).

The Infomatrix Club: Where Learning Meets Laughter (and Maybe a Nap)

Let's talk about the awesome stuff happening in our club! The Guest Lecture Series was like having a business ninja tell you how to conquer the ever-changing corporate jungle. And the National Education Policy Workshop? Let's just say it sparked discussions hotter than that spilled coffee you desperately tried to salvage with a napkin. Finally, our Five-Day Industrial Seminar was basically a tech-fueled rollercoaster with dives into starting your own business, making India the green energy king, and navigating global chaos like a boss.

The Takeaway: Keep Learning (and Maybe Get Some Sleep)

As we wrap up this edition, remember this: the management world, much like your social life during finals, never sleeps. New tech, crazy trends, and enough coffee to fuel a small nation – they're all waiting for you out there. So keep your curiosity sharp, your skills honed, and remember – even the most brilliant leaders need a good power nap now and then.

Beyond the Management School

Let's face it: technology isn't just a business accessory anymore, it's like a co-pilot on your management spaceship. From AI streamlining tasks quicker than you can say "deadline" to blockchain securing everything from your lunch money to your company secrets, the IT industry is the engine driving business forward.

Think of this edition of Insights as your survival guide to this crazy tech world. By keeping your learning engine running and embracing the power of innovation, you can navigate the tech revolution like a boss (and maybe even get a decent night's sleep). Just remember, with great power comes great responsibility (and hopefully, a healthy dose of laughter).



Tech News

IT Sector Buzz: Upskilling, Talent Crunch, and Cautious Optimism

CURRENT HAPPENINGS SO FAR

The IT industry is buzzing with developments! Here are the key trends:

- **Cloud Computing:** While growth persists, the focus is shifting towards cost optimization and exploring alternative cloud providers.
- **Artificial Intelligence (AI):** Upskilling in AI, particularly Generative AI (GenAI), is a major focus as companies integrate AI into workflows.
- **Talent Crunch:** Despite potential slowdowns in hiring, retention is crucial. Companies are offering competitive salaries and promotions to hold onto skilled professionals.
- **Work-Life Balance:** Discussions are emerging around the need for a healthier work-life balance, potentially challenging the traditional long work week culture.

components and functions



CURRENT HAPPENINGS

Information Tech (IT)

Europe emerges as hotspot for Indian IT M&As, tops buy chart

Indian IT giants are on a European shopping spree, snapping up companies at a rapid clip. Europe's booming tech sector, outpacing North America, has fueled over a dozen acquisitions since the pandemic.



Salesforce abandons pursuit of Informatica

Salesforce ends Informatica acquisition talks over terms disagreement. Deal could've been significant. Informatica's stock price at \$35.19. Salesforce known for strategic acquisitions like Tableau and Slack.



Systemising the game

MeitY's AI advisory ignited debates on regulating AI. SROs, endorsed by RBI for fintech sector, are crucial. Online gaming sector under Govt's scrutiny. Skill vs chance, clear guidelines, and international regulatory examples are key for effective governance.

Midcap IT companies buck the trend to add more employees

Mid-sized IT firms showed workforce growth in fiscal 2024, contrasting major Indian IT firms' decline. Demand rose for tech services from domestic and global sectors. Automation may impact headcount. Mid-tier firms excel in engineering services with strong growth.



Wipro promotes Hari Shetty as chief strategist and sales officer

Wipro named Hari Shetty as Chief Strategist. The Bengaluru-headquartered firm makes first CXO appointment under new CEO Srinivas Pallia.



CURRENT HAPPENINGS

TCS setting up four large BSNL data centres in Rs 15,000 crore 4G deal

Tata's IT arm and C-DOT, a government agency, will deploy India's first locally developed 4G network solution for BSNL across its entire service area. This involves installing equipment at 38 locations.



Europe emerges as hotspot for Indian IT M&As, tops buy chart

Indian IT giants are on a European shopping spree, snapping up companies at a rapid clip. Europe's booming tech sector, outpacing North America, has fueled over a dozen acquisitions since the Covid pandemic.



India's top 3 IT companies see exit of 64,000 employees in FY23-24

India's IT services industry - a \$254 billion powerhouse - has been feeling the heat of global macroeconomic uncertainties and geopolitical flareups as clients turned cautious with IT spends.



TCS has one of world's largest AI-ready workforces, says CEO K Krithivasan

IT services major Tata Consultancy Services (TCS) is equipped with one of the largest and most AI-ready workforces in the world, chief executive officer K Krithivasan told employees in an email at the start of the new fiscal.



Tech firms TCS, Accenture, Cognizant lead LinkedIn's top large companies list

LinkedIn's 2024 Top Companies list in India features Tata Consultancy Services, Accenture, Cognizant, and others. Insights include in-demand skills like investor relations, capital markets, and job opportunities in diverse industries across locations like Bengaluru and Hyderabad.



Tech Mahindra, Microsoft collaborate to launch user-friendly unified workbench

The workbench system will help organisations accelerate the adoption of Microsoft Fabric and enable them to create complex data workflows with a simple to use interface, said Tech Mahindra in a statement.



Wipro Infra Engineering counting on AI tech boom, govt's manufacturing push to reach \$1 billion mark

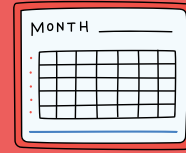
Wipro Infrastructure Engineering, backed by AI & manufacturing incentives by the government, aims for \$1 billion growth. Linecraft.ai enhances analytics, cost control & forecasting. Divisions cover Wipro Hydraulics, Wipro PARI, Wipro 3D, Wipro Water, and Wipro Aerospace. Italian firm Ferretto Warehouse Automation



CLUB ACTIVITIES



SEMINARS



WORKSHOPS



NEWSLETTERS



CASE STUDIES





Launch Of insights by infomatrix

NEWSLETTER LAUNCH



The first edition of the Infomatrix newsletter, launched in January 2023 under the guidance of HH Amogh Leela Prabhu ji of ISKCON, marked a significant milestone. This initiative, driven by a collective effort and a commitment to spreading spiritual knowledge, offered profound insights and transformative wisdom to a global audience. The inaugural edition was met with enthusiasm, serving as a beacon of light for those seeking spiritual growth. Deepest gratitude goes to HH Amogh Leela Prabhu ji for his inspiration, which continues to uplift countless souls. As Infomatrix evolves, it promises to remain a source of enlightenment for generations to come, inviting readers to explore the depths of consciousness and embark on a transformative journey of self-discovery.





Atal Bihari Vajpayee School of Management and Entrepreneurship
Jawaharlal Nehru University



In collaboration with
Indian Council of Social Science Research
(ICSSR)

"How to Thrive in a Dynamic Business Landscape: Navigating Challenges and Seizing Opportunities through Strong Industry-Academia World Collaboration"

Keynote Speakers



Dr. Rajeev Sijariya
Dean
ABVSME, JNU



Biju Sebastian
Vice President Corporate-HR, CHRO
Somany Ceramics Ltd.



Rishabh Gambhir
SAP Consultant, Deloitte USI
Expertise: Supply Chain Digital Transformation



Shiv Agarwal
Founder at
OneVarsity



Shivam Kumar Dixit
Co-Founder & CEO
Counsel India

Highlights

- Adapting Education: Meeting Industry Needs in NEP 2020's Skill-Oriented Vision.
- Empower Business: Align with NEP 2020's Multidisciplinary Approach for Success.
- Cultivate Agility: Embrace NEP 2020's Flexible, Multidisciplinary Education."
- Innovation Hubs: Bridging Academia and Business in line with NEP 2020's Vision.

Faculty Coordinator

Dr. Priya Gupta (Associate Professor)
Dr. Sakshi Sharma (Assistant Professor)

24th January 2024

Manikarnika Hall

ABVSME, JNU, Delhi-110067

11 am onwards

Coordinator

Abhishek Dhasawat - 8447532455
Anon G Bora -8860948152
Soumyendra Mishra -7011321156



SERIES GUEST LECTURE

We are thrilled to announce the successful completion of the workshop on "Thriving in the Dynamic Business Landscape"! 🌟 Amidst the ever-evolving currents of the business world, participants embarked on a transformative journey, equipping themselves with the tools and strategies needed to navigate challenges and seize opportunities with confidence and resilience. Throughout the workshop, attendees delved into the intricacies of today's dynamic business environment, exploring key trends, emerging technologies, and innovative approaches reshaping industries worldwide. From disruptive innovation to agile methodologies, participants gleaned invaluable insights and practical skills to stay ahead in an increasingly competitive landscape.



NATIONAL EDUCATION POLICY WORKSHOP



The National Education Policy workshop, held on February 12, 2024, was a resounding success! Participants actively engaged in exploring the transformative potential of this landmark policy. Through lively discussions, presentations, and collaborative activities, we delved into the core principles and provisions aimed at revolutionizing education for all. From increased access and equity to fostering innovation and creativity, the workshop ignited a shared passion for education reform.

We extend our deepest gratitude to all involved. Thank you to the participants for their enthusiasm and commitment to driving positive change. Your dedication to our youth is truly inspiring. Special thanks go to our distinguished speakers and facilitators for their invaluable expertise and guidance. Their insights enriched our understanding and fueled our collective pursuit of educational excellence.

Moving forward, let's leverage this momentum! Together, we can champion education reform in our communities and beyond. This workshop empowered us to create a future where every learner thrives and reaches their full potential.

Keynote Speakers

- PROF. VANTARAO BHALAPUR RAO, IIT Bombay
- PROF. S. S. Kulkarni, IIT Bombay
- PROF. S. S. Kulkarni, IIT Bombay
- PROF. S. S. Kulkarni, IIT Bombay
- PROF. S. S. Kulkarni, IIT Bombay
- PROF. S. S. Kulkarni, IIT Bombay
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- PROF. S. S. Kulkarni, IIT Bombay
- PROF. S. S. Kulkarni, IIT Bombay
- PROF. S. S. Kulkarni, IIT Bombay

12th February, 2024

Seminar Hall, Conventions Centre, JNU, Delhi-110067

#NEP2020Workshop

ORGANIZING COMMITTEE MEMBERS:
DR. APURVASHREE S. KULJARI, DR. BHUPESH K. SHARMA, DR. PRADEEP K. SHARMA, DR. RAJESH K. SHARMA, DR. ANAND K. SHARMA, DR. ANAND K. SHARMA

FIVE-DAY INDUSTRIAL SEMINAR

"Reflecting on an incredible week at ABVSME, JNU! From navigating the 'College to Corporate' journey with Abhishek Saraogi to insights on 'How to start a 0 to 1 Cr Venture' by Raghav Gupta. Days filled with discussions on 'Viksit Bharat' and making India self-reliant in green energy with Sanjay Gupta. Akhilesh Shukla shared strategies for 'Managing Global Business' amidst the current landscape. Corporate exposure sessions with Vijay Kumar, Vivek Mishra, and a panel discussion on 'Vision Viksit Bharat @2047' wrapped up the event. Grateful for the knowledge and connections!



Atal Bihari Vajpayee School of Management and Entrepreneurship
Jawaharlal Nehru University

Five-day industrial seminar on Viksit Bharat @ 2047

31st January 2024 to 4th February 2024

Keynote Speakers



Akhilesh Shukla
Management Consultant
IIM Lucknow Alumni



Vijay Kumar
Key Account Manager
Highly Electrical Appliance India



Abhishek Saraogi
Leading Business Professional
and Consultant



Raghav Gupta
Founder
Softberry Technology Pvt. Ltd.



CA Sanjay Gupta
Founder
Future Power Savers & GSA Power Pvt. Ltd.

Highlights

- College to Corporate - An Awareness Session
- How to start 0 to 1 Cr Venture
- Viksit Bharat: Making India Self Reliant in Green Energy
- Managing Global Business in Current Business Landscape
- Interactive session on Viksit Bharat Vision with Bureaucrat (GoI)

31st January'24 - 03rd February'24

Manikarnika Hall
ABVSME, JNU, Delhi-110067

10:30 am onwards



Dean
Prof. Rajeev Sijariya
ABVSME

Student Coordinators
Suryayendra Mishra - 9011321156
Abhinavjit Panwar - 9560565600
Aryan Raj - 9871303488



MARKETING CLUB
ABVSME

ENTREPRENEURSHIP CLUB
ABVSME





GD-ROUND

Tech discussions

Atal Bihari Vajpayee School of Management and Entrepreneurship
Jawaharlal Nehru University
New Delhi, India

LET'S TALK: *TECH ROUND 1*

GROUP DISCUSSION

21-02-2024, @ 3:30PM
MANKIKARNIKA HALL,
ABVSME

STUDENT CO-ORDINATORS:
ABHISHEK DHUSSAWAY,
PRIYANSHU ABHISHEK TIWARI,
PRANAY
9447532455, 7992360194

E-CERTIFICATES WILL BE PROVIDED TO THE PARTICIPANTS.

Infomatrix
A club of ABVSME

The Tech Round 1 Group Discussion wrapped up successfully, bringing together participants to explore hot tech trends like AI and cybersecurity. Through lively debates and brainstorming, the group showcased their expertise and problem-solving skills. A big thank you goes to all participants for their passion and insightful contributions, and to the moderators for fostering a positive and productive discussion. Let's use the momentum and knowledge gained to keep pushing the boundaries of technology and create a better future! Stay tuned for more exciting tech events and opportunities.





Atal Bihari Vajpayee School of Management and Entrepreneurship
Jawaharlal Nehru University

organises one day workshop on

ALTERYX **(DATA ANALYTICS PLATFORM)**

Save The Date

26 April 2024

10:30am - 1:00pm

2:00pm - 5:00pm



Venue :Vikas hall



Mr. Lakshay Sharma

Assistant Manager
 KPMG

e-certificate will be provided to the participants

Faculty coordinator -Dr Priya Gupta
 Associate professor

Student coordinator- Abhishek Dhussawat
 Devesh Chauhan
 Bhavya Rai



ALTERYX **Workshop**

The recent Alteryx workshop, led by industry expert Lakshay Sharma from KPMG, was a huge success! Participants learned the power of Alteryx, a data manipulation tool used by major companies to tackle complex datasets. Mr. Lakshay Sharma, with over 6 years of experience in data analytics, guided attendees on how to prepare data for visualization tools like Tableau and Power BI. This user-friendly workshop equipped participants with valuable skills to analyze and interpret complex data, boosting their data analysis expertise.





READER'S SECTION

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INSIGHTS by
INFOMATRIX



VISION

- Establish ABUSME as an IT Hub for Management Students
- Establish ABUSME as an IT Hub for Engineering Students
- Create a Collaborative Community

MISSION

- Empower IT Excellence
- Skill Enhancement and Practical Experience
- Industry Interaction
- Project Development and Innovation
- Partnerships and Networking

EVOLUTION OF IT



HARNESSING BLOCKCHAIN FOR DIGITAL TRANSFORMATION IN THE SERVICE SECTOR: A COMPREHENSIVE REVIEW

🌟 **Blockchain Bonanza: Revolutionizing India's Service Sector!** 🌟

Hello Readers,

Get ready to embark on a futuristic journey with us as we dive into the dazzling world of blockchain technology! Imagine a world where every transaction, every record, and every exchange is secure, transparent, and as immutable as a diamond! That's the power of blockchain, and it's not just for the tech wizards anymore—it's reshaping industries right here in India.

💡 **Beyond the Bitcoin Buzz: Blockchain Breakthroughs!** 💡

While many associate blockchain with cryptocurrencies, its magic extends far beyond. From food safety to your health records, blockchain is the invisible hero ensuring everything is just as it should be. It's not just a tech trend; it's a trust revolution!

Blockchain technology, which powers cryptocurrencies like Bitcoin, is rapidly changing a number of businesses throughout the globe and has beyond its original financial setting. In India, where the populace is increasingly tech-savvy and the country's digital ecosystem is expanding, blockchain adoption is showing signs of promise. Let's investigate current blockchain application trends and examine the adoption environment in India in more detail

🏥 **Healthcare Heroes and Blockchain: A Perfect Match!** 🏥

Gone are the days of misplaced medical records and prescription mishaps. Hospitals like Apollo are now using blockchain to keep your health details safe and sound. Imagine every prescription flawlessly tracked—like having a health guardian angel!



🍷 From Farm to Fork: Blockchain Makes it Sparkle! 🍷

Ever wondered where your food comes from? Blockchain is turning into a food detective, ensuring that the journey from farm to your fork is transparent. Companies like MTR Foods are leading the charge, making sure every grain of rice is accounted for. It's like having a backstage pass to your food's journey!

Although digital payments and remittances continue to be a popular use case, blockchain technology has much broader applications outside of banking. Here are a few noteworthy developments:

Supply Chain Management: Blockchain-based product tracking from farm to fork guarantees transparency and deters fraud. Companies in India that use it for rice traceability are MTR Foods and ITC Ltd., which use it to trace agricultural goods.

Healthcare: A few healthcare applications include organizing insurance claims and safely keeping medical records. Blockchain is being used by Apollo Hospitals for prescription management, while Medicament is utilizing it to trace pharmaceutical supply chains.

Voting and Governance: Secure and tamper-proof voting systems are revolutionizing democracy. Estonia is a global leader in using blockchain for e-voting, and similar initiatives are being explored in India.

Education: Issuing tamper-proof academic credentials and verifying learner achievements are gaining traction. The Indian Institute of Technology Madras is exploring blockchain for issuing degree certificates.

Food Safety: Tracking food provenance from farm to table improves food safety and reduces adulteration. In India, startups like TraceX and TagIt are using blockchain for this purpose.

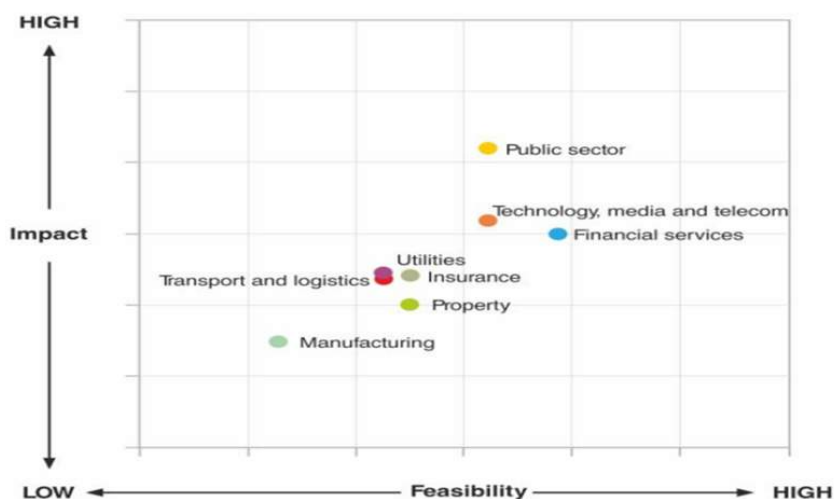


Figure 1: Economic Potential of Blockchain by Industry Sectors Source: McKinsey, 2018



📄 Degree Deception? Not Anymore! 📄

Fake degrees are a no-go in the blockchain era. Prestigious institutes like IIT Madras are now using blockchain to issue tamper-proof certificates. It's as if your degree is carved in stone—forever authentic!

🗳️ Voting with Blockchain: Democracy Meets Innovation! 🗳️

And let's not forget about democracy! Blockchain is making voting so secure, it could put Fort Knox to shame. It's like having a superhero safeguard your vote!

🚀 India's Blockchain Boom: By the Numbers! 🚀

The numbers are in, and they're spectacular! With investments projected to hit a whopping \$2.3 billion by 2025, the blockchain wave is set to make a monumental splash. And with over 500 startups on the scene, blockchain is not just a ripple—it's a tidal wave of technological transformation!

Government Initiatives: The Indian government has set up the National Blockchain Project to explore blockchain applications in governance and public services. The MeitY Startup Hub launched a \$10 million blockchain challenge to support innovative startups.

Startups Flourishing: Over 500 blockchain startups operate in India, covering diverse sectors like finance, healthcare, and supply chain management.

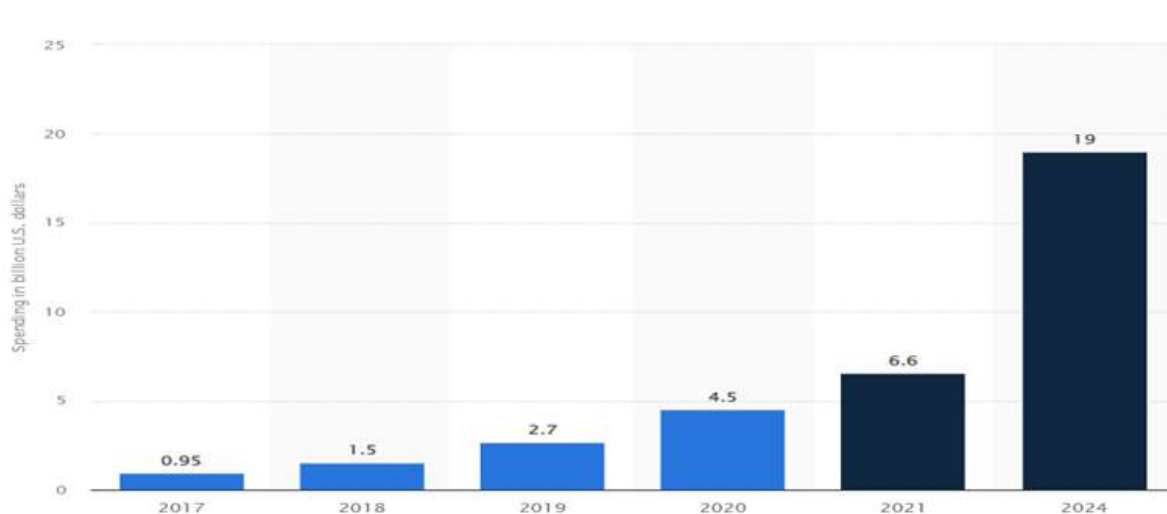


Figure 2: Worldwide spending on blockchain solutions from 2017 to 2020, with forecasts for 2021 and 2024 Source: Statista



Global spending on blockchain technologies is anticipated to amount to 6.6 billion USD by 2021. Predictions indicate that the amount spent on blockchain solutions would increase over the next few years, almost reaching 19 billion dollars by 2024.

🌐 Challenges? Sure, But the Future's Bright! 🌐

Yes, there are hurdles—like finding enough blockchain wizards to cast all these tech spells, and ensuring our blockchain castle is as strong as it is splendid. But with government initiatives and a community of innovators, we're on a path to make the digital realm safer, more reliable, and transparent. 

🧙 Wrapping Up: The Blockchain Crystal Ball 🧙

As we gaze into the blockchain crystal ball, the future looks bright. With its promise to enhance transparency, increase efficiency, and fortify security, blockchain isn't just a technology—it's a revolution!

Stay tuned, stay informed, and remember—blockchain is not just changing the game; it's changing our world!

Till next time, keep your transactions safe and your blockchain knowledge sharp!

BHAWNA
Research Scholar ABVSME, JNU

STREAMLINING LEGAL UNDERSTANDING: A STORY OF AI SUMMARIZATION



In today's fast-paced world, legal professionals and the general public sometimes face the difficult challenge of understanding lengthy and complex legal paperwork. Even the most experienced professionals can be confused by the massive amount of legal information, which includes complicated legal jargon. Furthermore, students confront the issue of comprehending new guidelines frequently presented in lengthy and complex texts.

Text summarization is an effective tool in Natural Language Processing (NLP). Text summary reduces significant papers into short versions while keeping important information and meaning. There are two main approaches to text summarization: extractive and abstractive. Extractive summarization is extracting meaningful sentences or sections directly from the original text. Abstractive summarization, on the other hand, interprets and rephrases text to convey key ideas compactly.

The complicated terminology in court documents creates different challenges for existing summarization models. For example, terminology like "Writ petition", "Habeas corpus" and "will" have special legal meanings that generic language models may not effectively reflect. Furthermore, the length and complexity of legal documents require the development of more efficient summarizing algorithms.

Directly applying standard models, such as ChatGPT or other Large Language Models (LLMs), might result in errors and misinterpretations due to model hallucination, which is one of the limitations of LLM. To address these challenges, domain adaptation of vocabularies and knowledge transfer is imperative to enhance the performance of summarization models in legal contexts. By fine-tuning existing models with legal-specific datasets and incorporating domain-specific knowledge, we can improve the accuracy and relevance of generated summaries.

To further enhance the efficacy of these tools, innovative IT solutions incorporating new algorithms and techniques are being developed. These solutions leverage advancements in machine learning, deep learning, and natural language processing to improve the accuracy and efficiency of summarization models. Legal professionals, students, and the general public can understand complicated legal papers using AI-driven summarization. Text summary technologies have the potential to transform the legal landscape by making legal information more accessible and usable for all stakeholders, from speeding up case analysis to aiding regulatory compliance.

Say goodbye to confusion and hello to clarity with AI-powered text summarization!!

**SALONI SHARMA,
RESEARCH SCHOLAR,
SCHOOL OF COMPUTER & SYSTEMS SCIENCES,
JAWAHARLAL NEHRU UNIVERSITY, DELHI**

IT REVOLUTIONIZING HR: FROM RECRUITMENT TO RETENTION



Information Technology (IT) has become an indispensable partner in Human Resources (HR). Let's explore how three key areas are being transformed:

1. Emotionally Intelligent Recruitment & Onboarding:

Imagine AI applications that analyze employee sentiment through pulse surveys. By picking up on themes and moods, these applications can identify potential issues and enable HR to take proactive measures. This fosters a positive onboarding experience and improves retention.

2. Data-Driven Recruitment Strategies:

Recruitment analytics provides HR with a treasure trove of insights. By analyzing compensation data, industry trends, and competitor talent acquisition practices, HR can:

- Optimize compensation packages: Offer competitive salaries based on real-time data.
- Identify the best sourcing channels: Target the platforms where top talent is concentrated.
- Understand talent mobility: Analyze poaching trends and identify reasons for employee departures, allowing HR to address them.

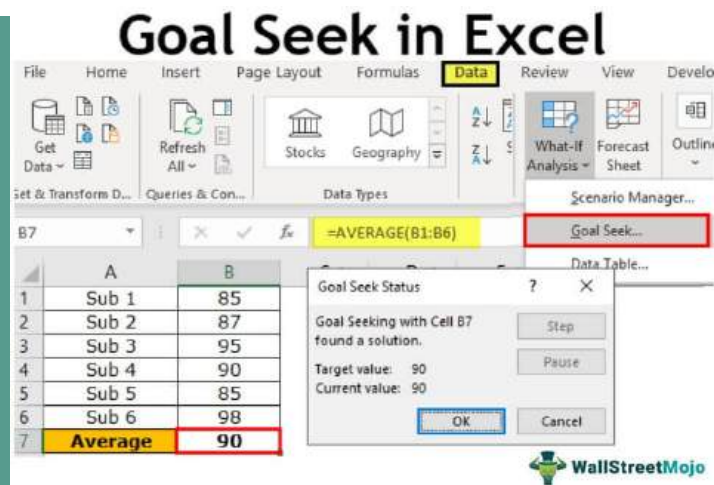
3. Building a High-Performing Workforce:

Talent analytics empowers HR to assess the organization's overall talent strength. By benchmarking against industry standards, HR can identify areas for improvement and develop targeted training programs to enhance the workforce's capabilities.

In essence, IT is transforming HR from a task-oriented function to a strategic business partner, driving a data-centric approach to talent acquisition, development, and retention.

**ABHISHEK SINGH,
SENIOR HRBP (EX TEACHMINT)**

EXCEL'S GOAL SEEK: THE MANAGEMENT STUDENT'S NOT-SO- SECRET WEAPON



LET'S BEGIN

Ah, management students. A crucible of late nights, caffeine-fueled debates, and group projects that make "Lord of the Flies" look like a kindergarten playdate. But fear not, weary scholar! For nestled within the unassuming confines of Excel lies a hidden gem - a tool so powerful it can turn you from a sleep-deprived zombie into a management mastermind (or at least make it look that way).

This secret weapon is called Goal Seek, and let me tell you, it's the Michael Jordan of "what-if analysis." Here's how it works: Imagine your group project is on, oh, let's say... the optimal number of cat cafes a city can sustain (because, priorities). You have a fancy spreadsheet with formulas that predict catnip consumption, yarn ball depletion, and the inevitable existential dread of unemployed hamsters. But here's the kicker: you have a target - a specific number of cafes that will make your professor purr with approval (cat puns not required, but highly encouraged).

Enter Goal Seek. You plug in your desired number of cafes (let's be honest, aiming for maximum adorableness here), and Goal Seek, like a spreadsheet Santa Claus, magically adjusts another variable (say, marketing budget) to reach your cat cafe utopia. Now, you can present your findings with the confidence of a seasoned entrepreneur, all while your groupmates marvel at your financial wizardry (little do they know you just told Excel to "make it work... somehow").

But wait, there's more! Goal Seek can also be your ultimate excuse-generator. The professor asks for a sensitivity analysis on, say, the price of catnip? No problem! Just Goal Seek different catnip prices and - voila! Instant insights into the fragile feline economy. Need to show the impact of a surprise celebrity cat visit? Goal Seek that bad boy in and watch your "projected customer foot traffic" go through the roof (along with your professor's eyebrows).

Of course, with great power comes great responsibility (or at least the responsibility to not get caught using Goal Seek to calculate how many naps you can take before your presentation). But hey, used wisely, this little Excel trick can be your secret weapon for navigating the treacherous waters of group projects and emerging victorious (or at least sleep-deprived but with a decent grade).

EXCEL'S GOAL SEEK: THE MANAGEMENT STUDENT'S NOT-SO-SECRET WEAPON

PRACTICE SOME QUESTIONS

Practice Exercise 1:

Marco wants to begin planning for his retirement. He wants to determine the amount he should deposit monthly into his retirement investment account to save \$3 million for his retirement in 25 years. The current monthly interest rate is 0.7 percent.

- Build a spreadsheet model that Marco can use to calculate his retirement investments in 25 years with the inputs of Monthly Deposit, Monthly Interest Rate, and Months Until Retirement.
- Test your model to ensure that it works correctly.
- Using a target retirement date of 25 years and a monthly interest rate of 0.7 percent, use Goal Seek to find the monthly savings deposit that Marco needs to make to save \$3 million for his retirement.

Practice Exercise 2:

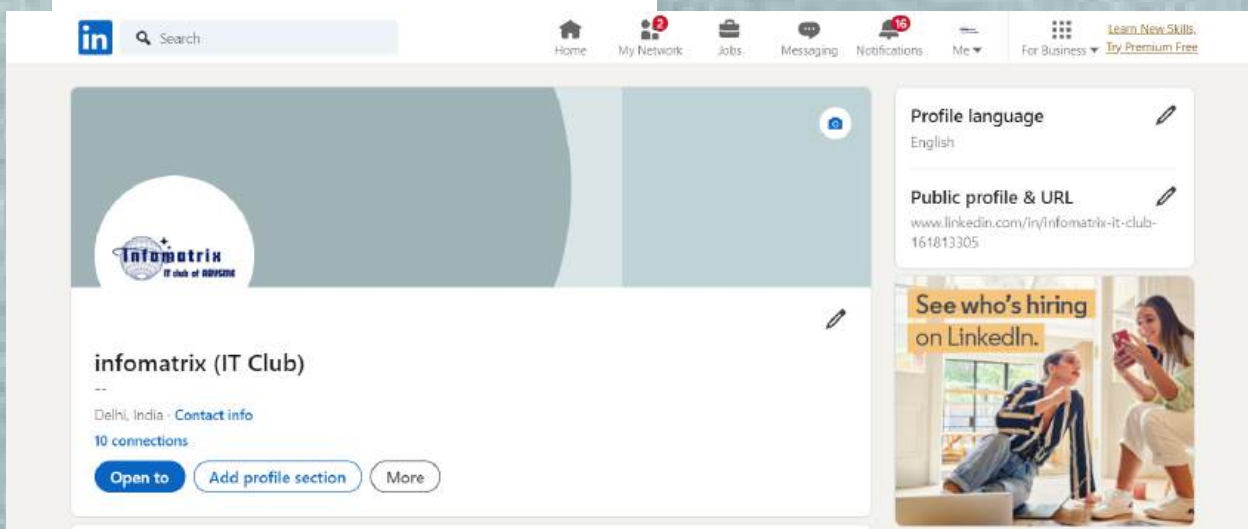
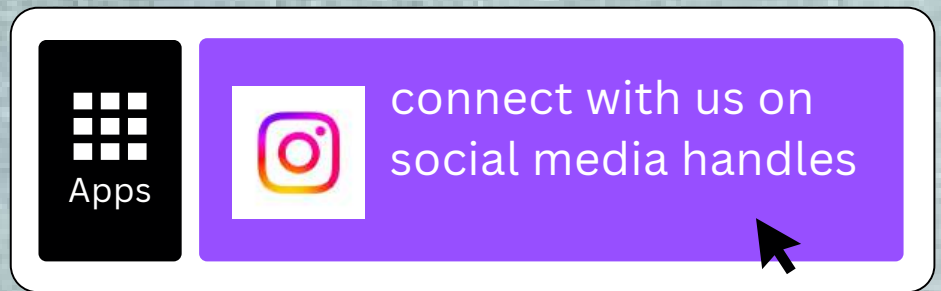
Jessica is starting a new business distributing organic, cage-free, farm-fresh milk to local grocery stores. She sells milk by the gallon at the wholesale price of \$4.25 per gallon. Her fixed costs include monthly expenses of \$600 for her delivery van, fuel, and insurance. She buys milk from local farmers at a price of \$2.10 per gallon.

How many gallons does Jessica need to sell to break-even?

How many gallons does Jessica need to sell to earn a monthly profit of \$500?

- Build a spreadsheet model that Jessica could use to calculate her monthly profit.
- Test your model to ensure that it works correctly.
- Use Goal Seek to calculate how many gallons Jessica needs to sell to break-even. How many gallons does Jessica need to sell to earn a monthly profit of \$500?

OUR SOCIAL MEDIA PRESENCE



<https://www.linkedin.com/in/infomatrix-it-club-161813305/>



Thank You

FOR BEING WITH US!
SEE YOU SOON WITH NEW EDITION.



This newsletter is written by **INFOMATRIX** club.



Stay curious, stay connected, and keep learning!

See you soon with our next edition!

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