



**AI IS GOING TO TAKE
THE JOBS...OR IS IT??**



AgileInfusion

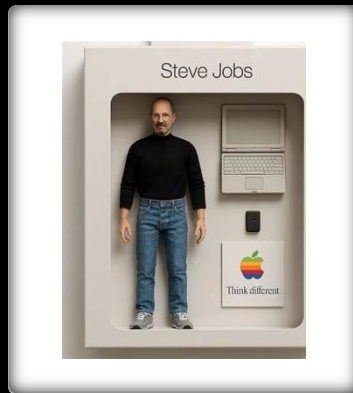
DR. BOB SCHATZ
AGILE INFUSION

LATEST BUZZ...

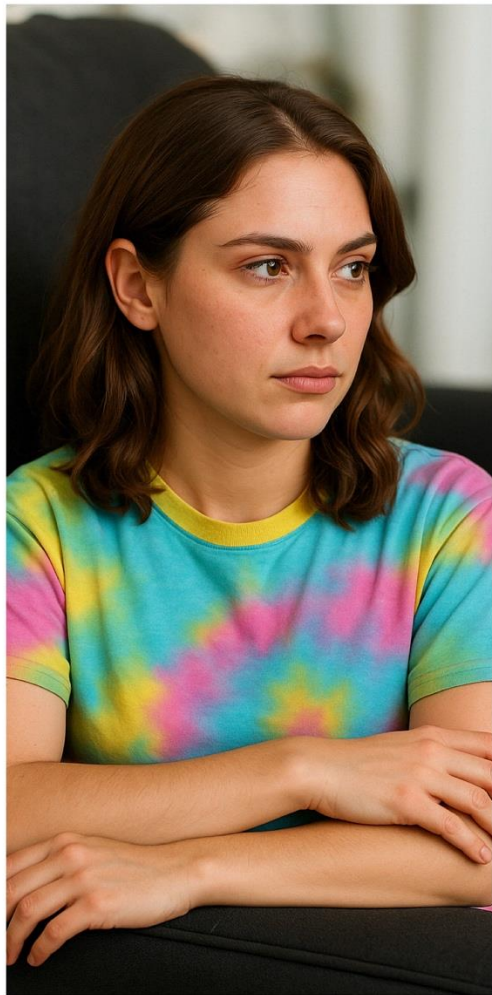


Shopify CEO

- Issued a memo stating that employees must demonstrate why tasks cannot be accomplished using AI before requesting new hires or resources
- Emphasized that using AI is a fundamental expectation at Shopify, aiming to integrate it into daily work and decision-making processes



LAST MONTH IT WAS THIS...



AND NOW...

COCO!!



AGENDA

- Historical Parallels: Fear vs. Reality
- The AI Fear Factor: Breaking Down the Concerns
- The AI Opportunity: How AI Can Enhance Work
- The Critical Skills for an AI-Driven Future
- Final Thoughts: How to Prepare for an AI Future
- Q&A and Discussion



Defining Artificial Intelligence (AI)



Mimicking Human Intelligence

AI involves developing computer systems that can perform tasks that typically require human intelligence, such as learning, problem-solving, and decision-making.

Machine Learning

AI often relies on machine learning algorithms that enable systems to learn from data and improve their performance over time.

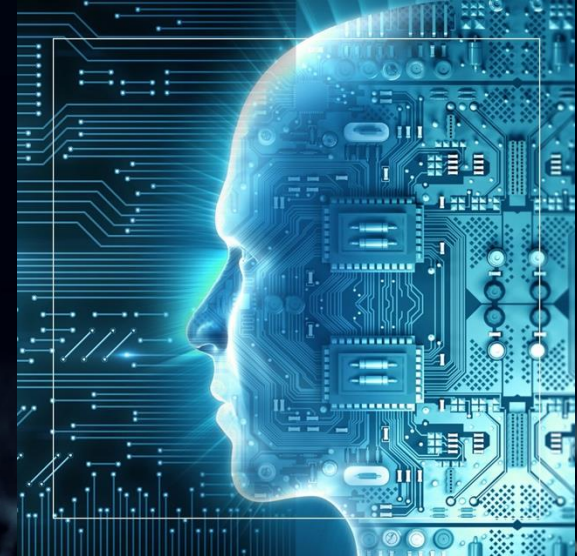
Deep Learning

A subfield of machine learning, deep learning uses complex neural networks to analyze and interpret vast amounts of data, leading to highly accurate results.



Natural Language Processing

AI systems can process and understand human language, enabling them to interact with humans in a natural way.



EXTREME VIEWPOINTS ON AI



Doomsday Scenario

- AI replaces human jobs, and humans!
- Mass unemployment
- Economic collapse

Utopian Dream

- AI frees humans from work
- Everyone thrives
- Leisure and relaxation

Reality

- Likely in between the extremes
- Balanced perspective

HISTORICAL PARALLELS: FEAR VS. REALITY

Industrial Revolution

- Steam engines and factories
- Fear: Mass unemployment
- Reality: New industries, more jobs

Electricity & Automation

- Factories and assembly lines
- Fear: No more need for workers
- Reality: Productivity surged, new roles emerged

Computers & Internet

- Office automation and ATMs
- Fear: Massive white-collar job losses
- Reality: Look...we're all here Virtually!!

Key Insight

**Sounds like we fear the
unknown!...Shocker!**

JOB DISPLACEMENT VS. JOB CREATION



Stats & Studies

- World Economic Forum: AI will disrupt 85 million jobs but create 97 million new ones by 2025

What's actually at risk?

- Repetitive, rule-based, transactional jobs → AI automates predictable, routine tasks (AI Agents)
- Creative, strategic, and emotional intelligence-driven roles → Less replaceable

How AI is transforming the modern workforce



Automation of Routine Tasks

AI-powered systems can automate repetitive and mundane tasks, freeing up human workers to focus on more creative and strategic activities.



Enhanced Decision-Making

AI algorithms can analyze vast amounts of data to provide insights and predictions, supporting informed decision-making in various fields.



Hyper-Personalized Experiences

AI enables personalized experiences for customers and employees, leading to improved efficiency and satisfaction.

Emergence of new AI- powered jobs and industries



AI Engineers

Develop and maintain AI systems, algorithms, and applications.

AI Ethics Specialists

Ensure the responsible and ethical development and deployment of AI systems.

Data Scientists

Analyze and interpret large datasets to extract meaningful insights and drive data-driven decisions.





The role of government and policymakers



Regulations

Develop regulations to ensure responsible AI deployment and address ethical concerns.

Upskilling Programs

Support upskilling and reskilling programs to prepare the workforce for the future of work.

Funding

Provide funding for research, development, and education in AI- related fields.

Job Creation

Promote the creation of new jobs in AI-related industries.

Ethical considerations in AI deployment

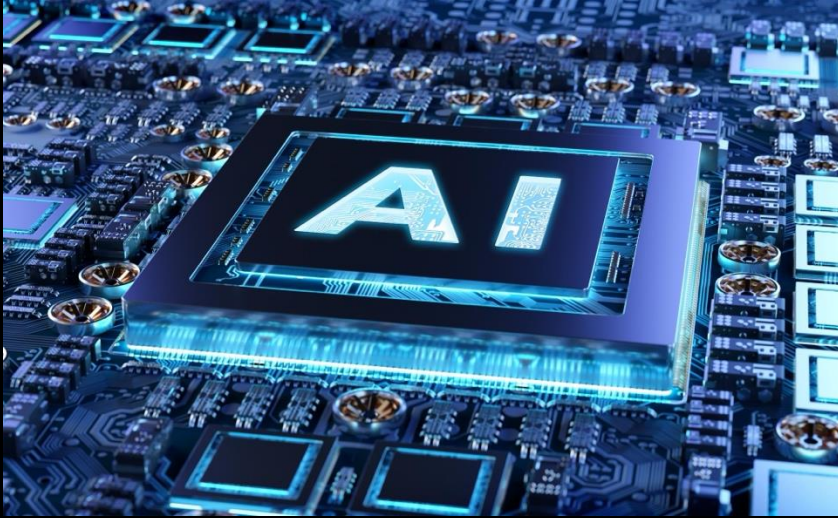


AI ELIMINATES NON-VALUE-ADDED WORK



- Eliminates roles and time-wasters
- Allows humans to focus on higher-value work
- Examples
 - Customer Service
 - AI chatbots handle basic FAQs
 - Frees agents for complex cases
 - Finance & Accounting
 - AI automates data entry & reconciliations
 - Analysts focus on strategy

THE FEAR OF LOSING CONTROL



- Famous Quotes on AI
 - Stephen Hawking (2014): “AI could be the worst event in human history.”
 - Elon Musk: “AI is far more dangerous than nukes.”
 - Andrew Ng: “Worrying about AI killing us is like worrying about overpopulation on Mars.”
- Reality Check
 - The real issue isn't AI itself
 - It's whether we're prepared for it

**PLEASE STANDYBY.
WE'RE EXPERIENCING
TECHINICAL DIFFICULTIES.**





AUGMENTATION VS. AUTOMATION



AI Augments Human Abilities

- Example: Doctors using AI for faster diagnoses

AI Improves Work Quality

- AI enhances work rather than just replacing workers

AI AS A COLLABORATOR



AI as a Super-Powered Intern

- Requires human guidance
- Needs expertise to function effectively
- Helps get things done much faster
- At least this is what we tell ourselves!!

Preparing for the future of work in an AI-driven economy

Embrace Lifelong Learning

Continuously acquire new skills and knowledge to adapt to the evolving job market.

Adapt to New Technologies

Be comfortable learning and using new technologies and staying ahead of the curve in AI advancements.

Develop Soft Skills

Focus on developing soft skills such as communication, creativity, and critical thinking, which are highly valued in the future workforce.

Collaborate and Innovate

Work collaboratively with AI systems and leverage the power of technology to drive innovation and solve complex challenges.

SKILLS THAT WILL THRIVE

Creativity & Innovation

- Essential for developing new ideas and solutions
- Helps in adapting to AI advancements

Complex Problem-Solving

- Critical for addressing multifaceted issues
- Enhances decision-making capabilities

Emotional Intelligence & Leadership

- Vital for managing teams and interpersonal relationships
- Improves collaboration and communication

AI Literacy

- Understanding AI technologies
- Applying AI in various domains



PRACTICAL STEPS FOR STAYING RELEVANT



Experiment with AI Tools

- Utilize ChatGPT, Copilot, etc. for various tasks
- Explore MidJourney, Canva, Gemma for creative projects
- Implement AI automation in your specific field

Lifelong Learning

- Stay updated with current trends
- Continuously upskill in AI-related areas

Adopt AI-Powered Thinking

- Identify tasks that AI can handle
- Look for problems that could be solved with AI
- Focus on strategic planning and decision-making



PARTING THOUGHTS

AI isn't taking all the jobs—but someone who knows AI might take yours.

Don't ignore it....embrace it!!

The fears of AI doing so much of our work is real; but with the increased demands on technology, AI is just allowing us to keep up!



DISCUSSION & QUESTIONS

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New AI Courses for Product Owners and Project Managers coming soon!