WIT NWA April Monthly Event:

Cloud, Data & AI

A Women in Technology Small Group

AGENDA

Introductions

Mission

What to Expect

AI Discussion

Topics for future

How to Get Involved

OUR TEAM

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Mission

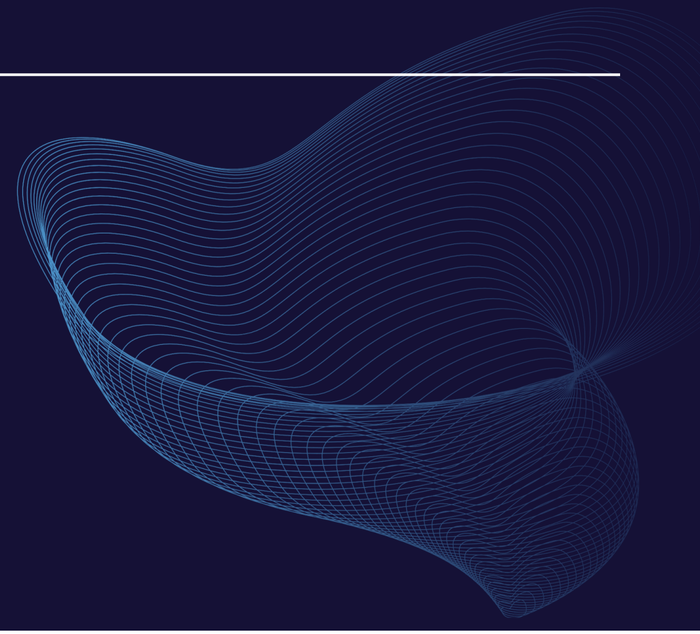
Empower Women – Equip women with insights and resources to explore diverse career paths in tech.

Share Knowledge – Foster a collaborative space to learn from one another and dive deeper into key topics.

Build Leadership – Provide opportunities for women to lead discussions, shape content, and drive conversations.

Drive Meaningful Impact – Influence how we approach infrastructure, data, and AI by elevating diverse perspectives and experiences.

What To Expect



- Monthly meetings
- Rotating topics (Cloud trends, AI use cases, Data careers, hands-on demos, guest speakers, etc.)
- Safe space for learning and sharing

WHO CAN JOIN?

- Anyone
- Engineers, analysts, data scientists, architects, product managers, and anyone interested in Cloud, Data, or AI
- Beginners to advanced

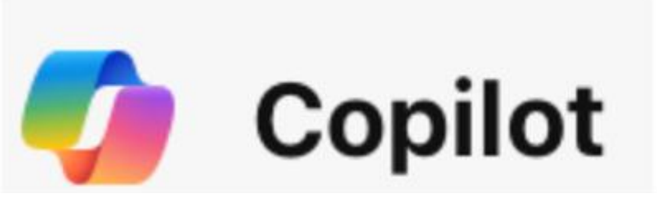
AI Stats -Think About It...

AI adoption has surged, with over 378 million users globally in 2025, a 20% increase from the previous year

GenAI spending is forecasted to reach $644 billion in 2025, a 76.4% increase from 2024- Gartner

By 2028, at least 15% of daily work decisions will be made autonomously by agentic AI systems- Gartner

What Apps Do You Use?



What is AI, ML, and NLP

Artificial Intelligence(AI) : Makes machines smarter

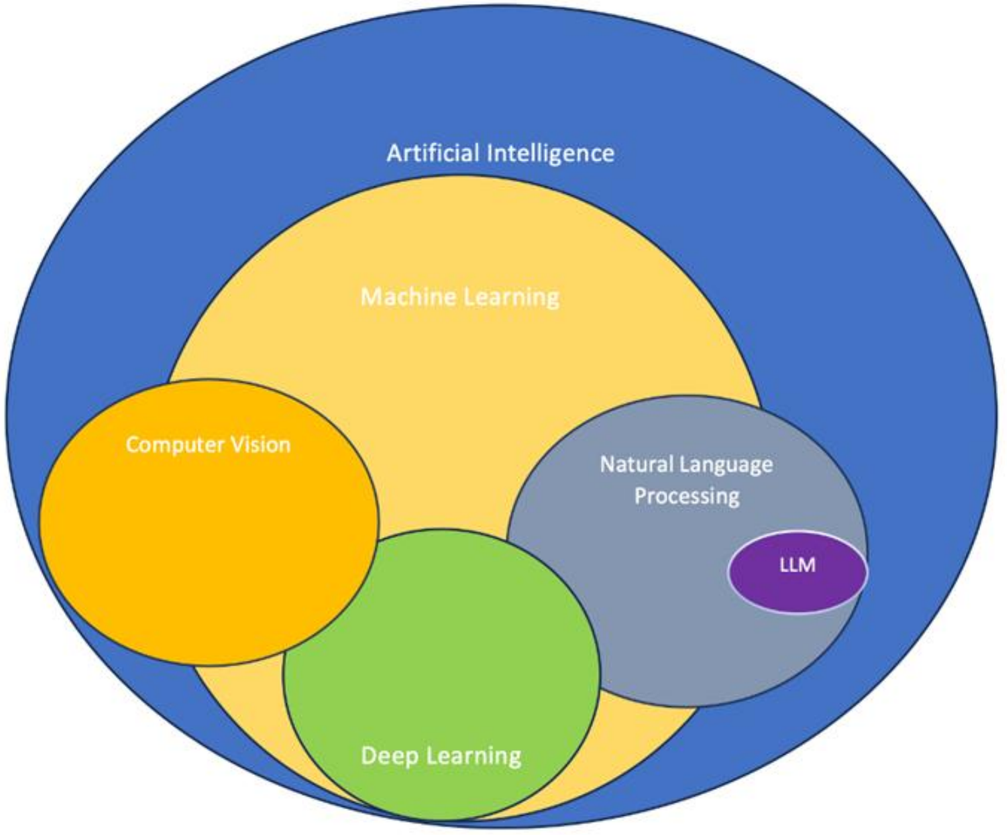
Data Science: Finding stories in data

Machine Learning(ML): Teaching Machines to learn from experience

Natural Language Processing(NLP): Making machines understand and generate language

Computer Vision: Giving eyes to the machine

Reinforcement Learning Learning through Trial and Error



Difference between Gen AI, LLM and AI Agents

Generative Artificial Intelligence(Gen AI)

- Generates text, images, videos and other media in response to prompts
- multi model AI tools
  - *Example: Gemini, ChatGPT4*

Large Language Models(LLM)

- A specific type of Generative AI model
- Specialized on text-based tasks
  - *Example:LlaMa2*

AI Agents

- Use LLM’s to perform task Autonomously
- Makes decisions
- Adaptable and learns from context and interactions

AI Discussion

How much do you use and know about AI powered tools?

1. "AI vs. Human Intuition: Where Do We Draw the Line?"

2. "Bias in AI: How Can We Build More Inclusive Technology?"

3. "Everyday AI: Tools You Can Start Using Today to Boost Productivity"

Topics for future

1. Data Strategy
2. Data Governance
3. AI/ML
4. GenAI
5. Data Modelling
6. Cloud/Infrastructure
7. Value Realization
8. Organizing - Roles & Responsibilities
9. Engineering
10. Reporting & Visualization
11. AI OPS/ML OPS
12. Architecture

How To Get Involved

Sign up to join

Suggest topics or speakers

Volunteer to help organize or host

Hands on AI Workshops

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May 13, 2025
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