

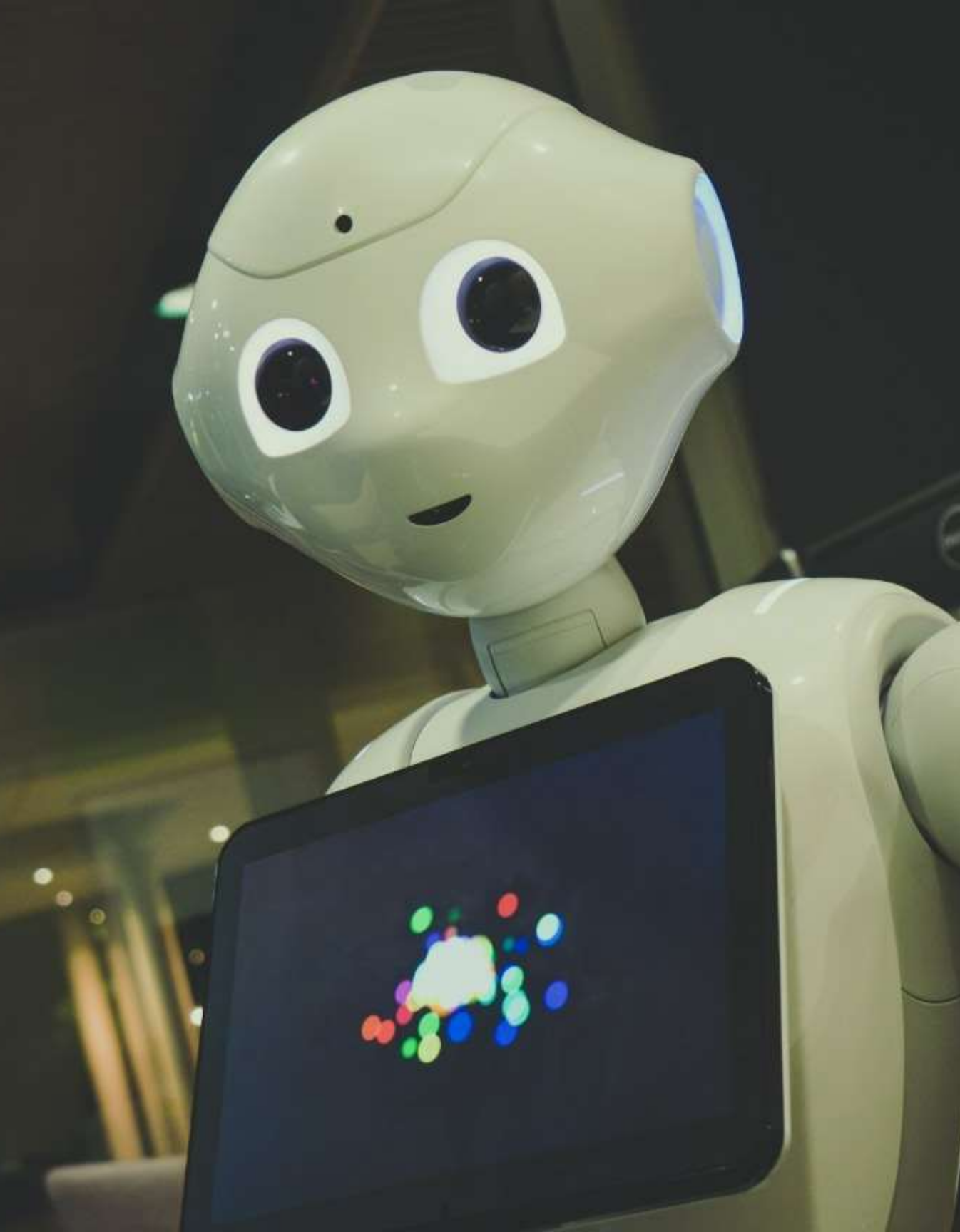
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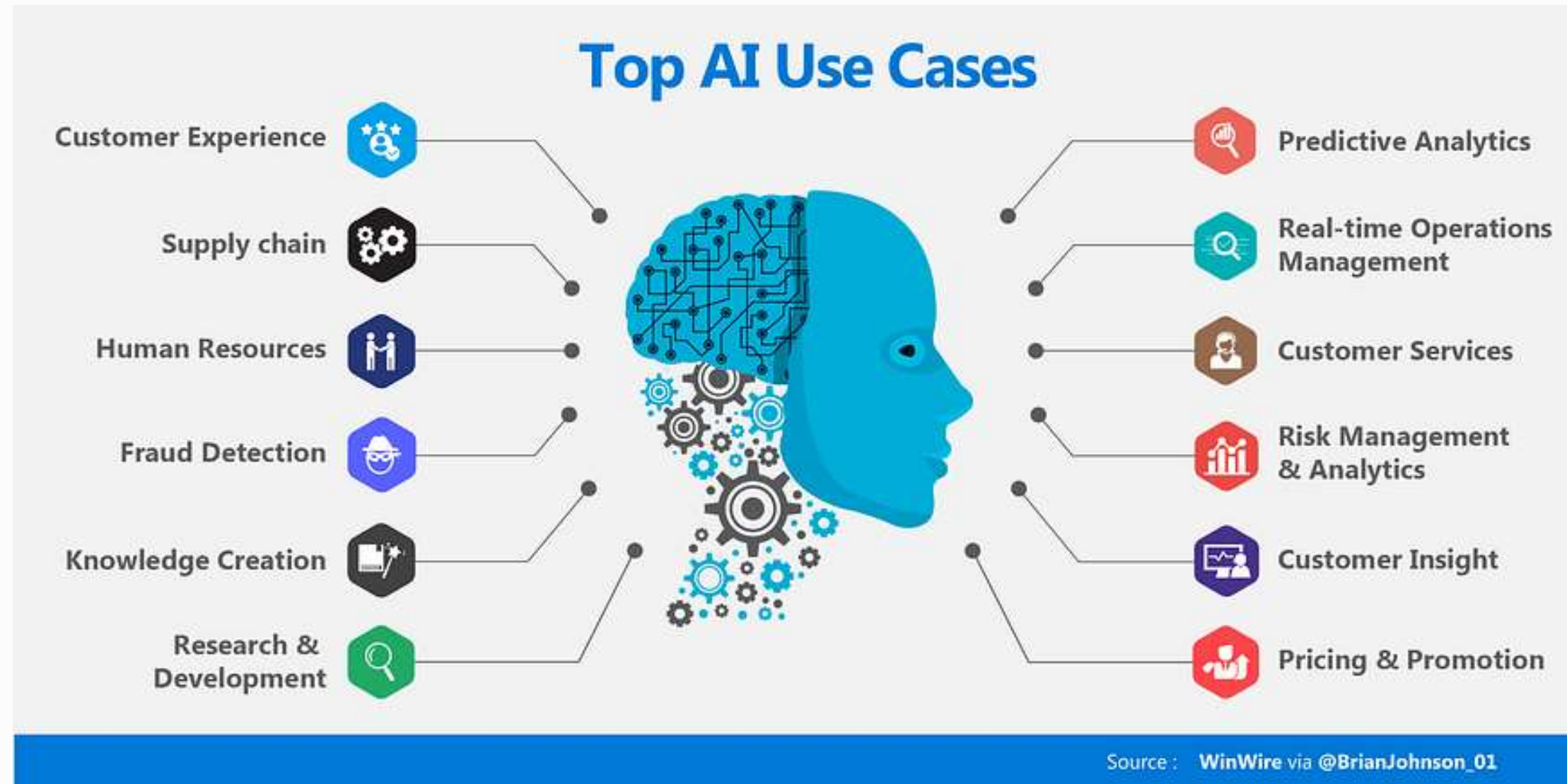


"AI and Applications of AI"

Course Highlights

- Comprehensive Python Foundation
- Foundational Math and Stats for AI
- Practical Machine Learning Implementation
- Introduction to Deep Learning

AI Applications Across Sectors



AI in Action – Transforming Lives



Live Demos – Seeing is Believing



The AI Dream – Motivation for the Next Generation



"AI will not replace you. A person using AI will."

RoadMap of AI(Engineer)



AI Engineer Roadmap 2025

Tool Skills



Core Skills



Python Environment & Setup

For the next few sessions, we will be using OneCompiler for our coding exercises. Google Colab will be used in the coming days. You can directly access OneCompiler by typing 'OneCompiler' into your web browser and selecting 'Python'.

Why OneCompiler?


- ✓ No installation required
- ✓ Works on any device
- ✓ Save and share code
- ✓ Pre-installed libraries
- ✓ Instant feedback
- ✓ Perfect for learning

 Perfect for today's session! We can start coding immediately and focus on learning Python for AI.

1 Visit OneCompiler

 Go to onecompiler.com/python in your web browser


2 Start Coding Immediately

 You'll see a **code editor** ready to use - no setup needed!

```
# Try this simple code:  
print("Hello, AI World!")  
name = input("What's your name? ")  
print(f"Welcome to AI course, !")
```

3 Run Your Code

 Click the **"Run"** button (or press Ctrl+Enter)

 See output in the **console** below

QnA

And

Feedback