1. Introduction to AI in Excel

- Overview of AI capabilities in Excel

- Benefits of using AI-driven tools for data analysis

- Introduction to the AI-powered features: Ideas, Data Types, and Natural Language Queries

2. Data Preparation and Cleaning with AI Tools

- Utilizing Power Query for efficient data preparation

- AI-driven data types: Automatic recognition and classification of data (stocks, geography, etc.)

- Using Ideas to quickly identify trends, patterns, and summaries in data

3. Leveraging AI for Data Analysis

- Creating predictive models with Excel's built-in AI tools (e.g., Forecast Sheet)

- Using What-If Analysis with AI to explore different scenarios

- Applying data analysis techniques with Excel Ideas to gain deeper insights

4. Automating Tasks with AI and Macros

- Overview of automating repetitive tasks using AI-driven macros

- Using Office Scripts and VBA with AI features to enhance productivity

- Setting up AI-triggered workflows for real-time data updates and alerts

5. Advanced Visualization Techniques with AI Integration

- Creating dynamic charts and dashboards using AI recommendations

- Integrating AI-driven Excel features with Power BI for enhanced visualization

- Utilizing AI to generate insights for data storytelling and reporting

6. Real-World Applications and Use Cases

- Case studies on how AI in Excel is used in various industries

- Interactive exercises to apply AI features on real-world datasets

- Q&A session to discuss potential use cases and practical applications in participants' specific roles or industries

Wrap-Up and Next Steps

- Recap of AI tools and techniques covered

- Recommendations for further learning resources and practice exercises

- Open discussion for participant feedback and sharing of experience