



# AI-Assisted Power BI for Business Analytics

Figure 1: AI-Assisted Power BI for Business Analytics

## Proposed Support Materials for AI-Assisted Power BI Course

<b>Date</b>	March 18, 2026
<b>Version</b>	1.0
<b>Prepared By</b>	Fabio Correa
<b>Purpose</b>	Microsoft-centric resources, AI visualization tools, and innovative teaching ideas

### Executive Summary

This document proposes a comprehensive resource ecosystem built around Microsoft’s Power BI and Copilot platform. Unlike traditional BI courses that treat AI as an add-on, this course positions **AI-first analytics** as the core paradigm - leveraging Microsoft Copilot for natural language queries, report generation, and data storytelling.

### Unique Value Proposition

Based on competitive analysis of current market offerings, this course uniquely addresses gaps not covered in existing books:

Differentiator	Description
<b>AI-first pedagogy</b>	Teaching analytics through AI conversation - not as an afterthought
<b>Prompt engineering for BI</b>	Specific patterns for Power BI report generation and data exploration
<b>MBA-level case studies</b>	Business context and strategic decision-making absent from technical manuals
<b>Root cause analysis workflows</b>	AI-assisted diagnostic patterns for operational insights

### Top Recommended Resources

Category	Resource	Cost	Rationale
<b>Textbook</b>	<i>Storytelling with Data</i> (Knaflic)	\$23	#1 Best Seller, 4.6 (5,253 reviews); business narrative focus
<b>Textbook</b>	<i>Data Visualisation 3e</i> (Kirk)	\$47	Tool-agnostic design methodology; new 2025 edition
<b>Platform</b>	Microsoft Learn Power BI	Free	Official documentation, learning paths, role-based guides
<b>AI Reference</b>	Copilot for Power BI Docs	Free	Natural language queries, report generation, DAX assistance

Category	Resource	Cost	Rationale
<b>Tool</b>	Power BI Desktop	Free	Primary course tool for report authoring
<b>Video</b>	Curbal (Ruth Pozuelo)	Free	800+ videos; best resource for DAX and Power Query
<b>Video</b>	Guy in a Cube	Free	Microsoft insiders; feature announcements, best practices
<b>Certification</b>	PL-300 Data Analyst Associate	\$165	Optional credential; validates course competencies
<b>AI Methodology</b>	<i>Dialog Engineering</i> (Correa)	TBD	CSAR Loop, appropriate reliance framework; authored by course TA

**Total Required Investment:** ~\$70 (textbooks only). All digital resources are free.

## Recommended Textbooks

### Required Texts

Book	Author	Edition	Publisher	Price	Rating
<b>Data Visualisation: A Handbook for Data Driven Design</b>	Andy Kirk	3rd Ed (Jan 2025)	SAGE	~\$47	New edition
<b>Storytelling with Data: A Guide for Business Professionals</b>	Cole Nussbaumer Knaflic	1st Ed (2015)	Wiley	~\$23	4.6 (5,253 reviews), #1 Best Seller

**Total Required Cost:** ~\$70

### Book Details

**Andy Kirk: Data Visualisation (3rd Edition)** - 320 pages, tool-agnostic design methodology - Covers: visualization design process, data representation, interactivity, annotation, color, composition - Author: 430+ training courses, 8,250+ professionals trained, adjunct at MICA/Imperial/UCL - Companion: visualisingdata.com with Chartmaker Directory (60+ tools including Power BI)

**Cole Nussbaumer Knaflic: Storytelling with Data** - 288 pages, practical business communication focus - Six Lessons: context, visual display, clutter elimination, attention focus, designer thinking, storytelling - Author: Former Google People Analytics Manager, 5,250+ Amazon reviews - Companion: storytellingwithdata.com with free blog, YouTube, makeovers

## Supplementary Text (Optional)

Book	Author	Edition	Publisher	Price	Notes
<b>Dialog Engineering: The Cognitive Science of Human-AI Partnership</b>	Fabio Correa, with Alex Finch	1st Ed (Mar 2026)	Independently Published	TBD	Course TA's methodology; ISBN 9798252564784
<b>Business Analytics in the Age of AI</b>	Wolfgang Jank	1st Ed (Feb 2026)	Independent	\$99	AI-first approach; new, no reviews yet

**Dialog Engineering** introduces the CSAR Loop (Clarify → Summarize → Act → Reflect) and the Appropriate Reliance Framework — core concepts used throughout this course. The book provides cognitive science foundations for why dialog-based AI interaction outperforms one-shot prompting.

**Recommendation:** Jank's book aligns with the AI theme but is expensive (\$99) and untested in classroom settings. Consider for instructor reference or selected excerpts only.

## Part 1: Microsoft Power BI Ecosystem

### 1.1 Microsoft Learn (Primary Learning Platform)

**URL:** <https://learn.microsoft.com/en-us/power-bi/>

Microsoft Learn provides free, official documentation and training modules organized by scenario and role.

#### By Scenario

Scenario	Key Resources
<b>Understand the Service</b>	Learn the basics, Get started
<b>Analyze with Fabric</b>	Fabric for Power BI users, Semantic models
<b>Create Reports</b>	Reports overview, Dashboard design
<b>Connect to Data</b>	Data sources, Scheduled refresh
<b>Best Practices</b>	Guidance, Star schema design

#### By Role

Role	Documentation Path
<b>Report Creators</b>	<a href="https://learn.microsoft.com/en-us/power-bi/personas/report-creator/">https://learn.microsoft.com/en-us/power-bi/personas/report-creator/</a>
<b>Semantic Model Designers</b>	<a href="https://learn.microsoft.com/en-us/power-bi/personas/semantic-model-designer/">https://learn.microsoft.com/en-us/power-bi/personas/semantic-model-designer/</a>
<b>Business Users</b>	<a href="https://learn.microsoft.com/en-us/power-bi/personas/business-user/">https://learn.microsoft.com/en-us/power-bi/personas/business-user/</a>
<b>Developers</b>	<a href="https://learn.microsoft.com/en-us/power-bi/developer/">https://learn.microsoft.com/en-us/power-bi/developer/</a>
<b>Administrators</b>	<a href="https://learn.microsoft.com/en-us/fabric/admin/">https://learn.microsoft.com/en-us/fabric/admin/</a>

## Power BI Tools

Tool	Purpose	Download
<b>Power BI Desktop</b>	Free Windows app for creating reports and semantic models	Download
<b>Power BI Report Builder</b>	Author paginated reports	Download
<b>Power BI Mobile</b>	iOS, Android, Windows apps	Download
<b>DAX Reference</b>	Formula language documentation	Reference

## 1.2 Microsoft Fabric (Unified Analytics Platform)

**URL:** <https://learn.microsoft.com/en-us/fabric/>

Microsoft Fabric is the unified platform that integrates Power BI with enterprise data capabilities.

### Fabric Experiences

Experience	Description	Course Relevance
<b>Power BI</b>	Interactive visualizations and insights	Core course focus
<b>Copilot in Fabric</b>	AI-powered assistance across all experiences	AI-first paradigm
<b>Data Factory</b>	Data ingestion, transformation, orchestration	Data preparation
<b>OneLake</b>	Unified logical data lake	Enterprise context
<b>Real-Time Intelligence</b>	Streaming data insights	Advanced module
<b>Data Science</b>	ML and AI capabilities	AI analytics extension
<b>Data Warehouse</b>	SQL-based analytics	Enterprise context

### Learning Resources

Resource	URL
<b>What is Fabric?</b>	<a href="https://learn.microsoft.com/en-us/fabric/get-started/microsoft-fabric-overview">https://learn.microsoft.com/en-us/fabric/get-started/microsoft-fabric-overview</a>
<b>Free Trial</b>	<a href="https://learn.microsoft.com/en-us/fabric/fundamentals/fabric-trial">https://learn.microsoft.com/en-us/fabric/fundamentals/fabric-trial</a>
<b>End-to-End Tutorials</b>	<a href="https://learn.microsoft.com/en-us/fabric/fundamentals/end-to-end-tutorials">https://learn.microsoft.com/en-us/fabric/fundamentals/end-to-end-tutorials</a>
<b>Fabric Analyst in a Day</b>	<a href="https://aka.ms/LearnFAIAD">https://aka.ms/LearnFAIAD</a>
<b>30-Day Learning Plans</b>	<a href="https://learn.microsoft.com/en-us/training/topics/30-day-plans/">https://learn.microsoft.com/en-us/training/topics/30-day-plans/</a>

## 1.3 Power BI Community

**URL:** <https://community.powerbi.com/>

The official community forums provide peer support, galleries, and learning resources.

## Forum Categories

Category	Topics	Posts
<b>Desktop</b>	Data shaping, modeling, report building	1.38M
<b>Service</b>	Premium, Dataflows, dashboards, sharing	275K
<b>Power Query</b>	Data connectivity and preparation	147K
<b>DAX Commands</b>	DAX formulas and tips	178K
<b>Developer</b>	Custom visuals, APIs, embedding	52K
<b>Mobile Apps</b>	iOS, Android, Windows apps	7.6K

## Community Galleries

Gallery	Purpose	Use Case
<b>Data Stories Gallery</b>	Showcase data storytelling	Student inspiration
<b>Themes Gallery</b>	Report themes	Design templates
<b>Quick Measures Gallery</b>	Advanced DAX snippets	Learning DAX patterns
<b>QuickViz Gallery</b>	Single visual showcases	Bite-sized ideas
<b>Visual Calculations Gallery</b>	Visual calculation examples	New feature learning
<b>Notebook Gallery</b>	Jupyter-style notebooks	Advanced analytics

## Featured Programs

Program	Description
<b>Power BI Dataviz Championships</b>	Global visualization competition
<b>Fabric User Panel</b>	Direct feedback to product team
<b>Camp Copilot for Power BI</b>	Instructor-led Copilot training
<b>Dashboard in a Day for Women</b>	Inclusive training workshops

### 1.4 Power BI Blog (Official Updates)

**URL:** <https://powerbi.microsoft.com/en-us/blog/>

Monthly feature summaries and announcements direct from Microsoft.

### Recent Updates (2026)

Date	Topic	Key Features
<b>March 2026</b>	Feature Summary	Copilot improvements, reporting enhancements, FabCon announcements
<b>March 2026</b>	Semantic Layers	“Foundation of enterprise AI” - semantic models as AI grounding
<b>March 2026</b>	Modern Visual Defaults	New visual appearance defaults (preview)
<b>February 2026</b>	Feature Summary	Input slicer GA, Copilot/AI experiences, visual polish
<b>February 2026</b>	Composite Semantic Models	Direct Lake + import tables (public preview)
<b>January 2026</b>	Modern Tooltips	Enhanced tooltip experience (GA)
<b>January 2026</b>	Azure Maps Markers	New mapping capabilities

## Blog Categories

- Copilot, AI, DAX
- Features, Announcements
- Microsoft Fabric, Direct Lake
- Semantic Model, Web Modeling
- Power BI Embedded, Mobile
- Paginated Reports, Report Server

## Part 2: Copilot for Power BI

### 2.1 Overview of Copilot Capabilities

**Documentation:** <https://learn.microsoft.com/en-us/power-bi/create-reports/copilot-introduction>

Copilot uses generative AI to help users interact with data through natural language.

### Copilot Experiences

Experience	Audience	Capabilities
<b>Standalone Copilot</b> (Preview)	All users	Find any report/semantic model, ask questions, get summaries
<b>Copilot Pane</b> (GA)	Report viewers	Ask questions about open report, summarize insights
<b>Copilot in Apps</b> (Preview)	App users	Scoped to curated app content, verified answers

### For Business Users

Task	Description
Search for artifacts	Find reports, semantic models, data agents
Summarize reports	Get key insights in seconds
Ask data questions	Natural language queries with DAX behind scenes
Use Fabric data agents	Connect to custom AI agents

### For Report Authors

Task	Description
Create reports	Generate report pages from prompts
Edit reports	Modify layouts and visuals conversationally
Create narrative visuals	Add AI-generated summary text to reports
Write DAX queries	Generate DAX with natural language
Add measure descriptions	Auto-document semantic model

### 2.2 Copilot Requirements

Requirement	Details
<b>Capacity</b>	Paid Fabric (F2+) or Power BI Premium (P1+). Pro/PPU alone not sufficient

Requirement	Details
<b>Admin Setting</b>	“Users can use Copilot and features powered by Azure OpenAI” enabled Fabric capacity in supported region May require additional admin setting if outside US/France 10,000 characters per prompt
<b>Region</b>	
<b>Data Outside Region</b>	
<b>Prompt Limit</b>	

## 2.3 Data Preparation for Copilot

**Critical for Course:** Model owners must prepare data for AI:

1. **Semantic clarity:** Clear table/column names
2. **Descriptions:** Add descriptions to measures and columns
3. **Business context:** Custom instructions for domain terminology
4. **Verified answers:** Pre-approved responses for common questions (apps)

**Course Lab Idea:** “Preparing Your Semantic Model for Copilot,” a hands-on data prep exercise

## 2.4 Copilot Training Module

**Microsoft Learn:** <https://learn.microsoft.com/en-us/training/modules/power-bi-copilot/>

Official training module: “Get Started With Copilot in Power BI”

## Part 3: Microsoft Certification

### 3.1 PL-300: Power BI Data Analyst Associate

**URL:** <https://learn.microsoft.com/en-us/credentials/certifications/data-analyst-associate/>

Detail	Information
<b>Level</b>	Intermediate
<b>Exam</b>	PL-300
<b>Duration</b>	100 minutes
<b>Cost</b>	\$165 USD
<b>Renewal</b>	Annual (free online assessment)
<b>Last Updated</b>	January 15, 2026

### Skills Assessed

1. **Prepare the data:** Connect, profile, clean, transform
2. **Model the data:** Design schema, create calculations, optimize
3. **Visualize and analyze:** Create reports, identify patterns, perform analytics
4. **Manage and secure:** Manage files, workspaces, security

### Preparation Resources

Resource	Time	Type
Get started with Microsoft data analytics	1h 46m	Learning Path
Prepare data for analysis with Power BI	4h 33m	Learning Path
Model data with Power BI	6h 59m	Learning Path
Design effective reports in Power BI	5h 7m	Learning Path

Resource	Time	Type
Manage and secure Power BI	2h 48m	Learning Path
Practice Assessment	Variable	Online quiz
Exam Sandbox	30m	Demo experience

### Course Integration

- **Optional Goal:** Students may pursue certification after course
- **Curriculum Alignment:** Course covers all PL-300 domains
- **Practice Tests:** Point students to official practice assessment

## Part 4: Community YouTube Channels

### 4.1 Curbal (Ruth Pozuelo Martinez)

**URL:** <https://www.curbal.com/> **YouTube:** <https://www.youtube.com/channel/UCJ7UхлоHSA4wAqPzyi6TOkw>

Metric	Value
<b>Subscribers</b>	130,000+
<b>Videos</b>	800+
<b>Community</b>	50,000+ members
<b>Location</b>	Sweden

### Credentials

- Microsoft Data Platform MVP
- Owner of Curbal AB (BI consulting)
- Power Query and DAX specialist

### Online Courses

Course	Price	Duration
Introduction to Power BI	FREE	12 videos
M Language Course	€265	60 videos, 3 hours
Power Query Course	€125	57 videos, 3 hours

### Course Use

- **Weekly viewing:** 10-minute videos for morning learning
- **DAX reference:** Comprehensive DAX explanations
- **Power Query:** Best resource for M language
- **Report Gallery:** Design inspiration

### 4.2 Guy in a Cube (Adam Saxton & Patrick LeBlanc)

**URL:** <https://guyinacube.com/> **YouTube:** <https://www.youtube.com/c/GuyinaCube>

Metric	Value
<b>Hosts</b>	Adam Saxton (Microsoft), Patrick LeBlanc (Microsoft)
<b>Focus</b>	Power BI features, tips, best practices
<b>Style</b>	News, tutorials, Q&A

## Key Value

- **Inside Microsoft perspective:** Hosts work at Microsoft
- **Feature announcements:** First to cover new features
- **Community Q&A:** Address real user questions
- **Best practices:** Enterprise-focused guidance

### 4.3 Microsoft Power BI YouTube

**URL:** <https://www.youtube.com/@MicrosoftPowerBI>

Official Microsoft channel with product announcements, tutorials, and customer stories.

## Part 5: AI-Powered Visualization Innovation

### 5.1 Semantic Layers as AI Foundation

**Announcement:** March 2026 FabCon

“Power BI is the decision layer for millions of users because it doesn’t just visualize data - it grounds AI in trusted business semantics.”

**Key Concept:** Semantic models are no longer just for reports - they become the foundation for enterprise AI applications.

**Course Implication:** Teach semantic modeling as *AI preparation*, not just report preparation.

### 5.2 Natural Language to DAX

Copilot can generate DAX queries from natural language prompts:

User: "Show me total sales by region for the last quarter"

Copilot:

EVALUATE

CALCULATETABLE(

```
    SUMMARIZE(Sales, Region[RegionName], "TotalSales", SUM(Sales[Amount])),  
    DATESINPERIOD(Calendar[Date], LASTDATE(Calendar[Date]), -3, MONTH)
```

)

**Lab Idea:** “DAX Generation Challenge.” Compare student-written DAX vs. Copilot-generated DAX

### 5.3 Narrative Visual Generation

Copilot can create AI-generated text summaries as report visuals:

- Automatic insight narration
- Key findings text boxes
- Trend explanations

**Lab Idea:** “Tell the Story.” Create report with narrative visual explaining key findings

### 5.4 Input Slicer (GA February 2026)

New visual allowing typed/pasted values for filtering:

- No scrolling through long lists
- Direct text input
- Paste from clipboard

**Course Application:** Demonstrate modern interactive filtering patterns

## 5.5 Modern Visual Defaults (Preview March 2026)

Power BI Desktop visuals now ship with modern default appearance:

- Cleaner default styling
- Improved typography
- Professional look out-of-the-box

**Course Benefit:** Students create polished reports with minimal formatting effort.

## Part 6: Innovative Teaching Ideas

### 6.1 AI-First Methodology

Traditional Approach	AI-First Approach
1. Learn tool mechanics	1. Start with Copilot for exploration
2. Build reports manually	2. Understand what AI generated
3. Add AI features as enhancement	3. Refine and customize manually
	4. Iterate between AI and human judgment

**Pedagogical shift:** Students learn *with* AI from day one, developing critical evaluation skills alongside technical competency.

### 6.2 Prompting Journal

Students maintain a journal of prompts used throughout the course:

Date	Prompt	Result	Rating	Learning
Week 1	“Create a sales dashboard”	Basic layout		Need more specific prompts
Week 2	“Create a sales dashboard showing MTD revenue by region with YoY comparison”	Better		Specificity matters

### 6.3 AI vs. Human Comparison Labs

Activity	Human Task	AI Task	Discussion
Data cleaning	Manual Power Query	Copilot suggestions	When to trust AI?
DAX writing	Write from scratch	Generate with Copilot	Validate AI output
Report design	Manual layout	AI-generated page	Aesthetic judgment
Insight finding	Manual exploration	Copilot summary	Missed insights?

### 6.4 “Teach the AI” Exercise

Students prepare semantic models for Copilot:

1. Add descriptions to all measures
2. Create custom instructions for domain terminology
3. Define verified answers for common questions
4. Test with classmates’ prompts

**Assessment Rubric:** Grade based on how accurately Copilot answers domain-specific questions using the student’s prepared model.

### 6.5 Weekly Makeover with AI

Adapt Makeover Monday for AI:

1. Get weekly dataset
2. First pass: Copilot-generated report
3. Second pass: Student improvements
4. Third pass: Peer critique
5. Final: Document AI vs. human decisions

### 6.6 Starbucks Live Case with Copilot

Integrate Copilot throughout the Starbucks case:

Phase	Traditional	AI-Assisted
<b>Explore</b>	Manual pivot tables	<i>“What are the key trends in this data?”</i>
<b>Analyze</b>	Write DAX measures	<i>“Create a measure for same-store sales growth”</i>
<b>Visualize</b>	Manual design	<i>“Create an executive dashboard for store performance”</i>
<b>Present</b>	Manual narrative	Copilot-generated summary + human refinement

## Part 7: Proposed Resource List

### Required Resources (Free)

Resource	URL	Use
Microsoft Learn Power BI	<a href="https://learn.microsoft.com/en-us/power-bi/">https://learn.microsoft.com/en-us/power-bi/</a>	Primary documentation
Copilot Documentation	<a href="https://learn.microsoft.com/en-us/power-bi/create-reports/copilot-introduction">https://learn.microsoft.com/en-us/power-bi/create-reports/copilot-introduction</a>	AI-features
Power BI Desktop	<a href="https://powerbi.microsoft.com/en/desktop/">https://powerbi.microsoft.com/en/desktop/</a>	On desktop
Power BI Service	<a href="https://app.powerbi.com/">https://app.powerbi.com/</a>	Cloud platform
Power BI Community	<a href="https://community.powerbi.com/support">https://community.powerbi.com/support</a>	Peer support
Power BI Blog	<a href="https://powerbi.microsoft.com/en/blog/">https://powerbi.microsoft.com/en/blog/</a>	Tip/Tricks

### Recommended YouTube

Channel	URL	Focus
Microsoft Power BI	<a href="https://www.youtube.com/OfficialMicrosoftPowerBI">https://www.youtube.com/OfficialMicrosoftPowerBI</a>	Official Power BI
Curbal	<a href="https://www.youtube.com/DCurbal">https://www.youtube.com/DCurbal</a>	Power Query
Guy in a Cube	<a href="https://www.youtube.com/GuyinaCube">https://www.youtube.com/GuyinaCube</a>	Power BI
Microsoft Fabric	<a href="https://www.youtube.com/PowerBIFabric">https://www.youtube.com/PowerBIFabric</a>	Formats of Fabric

## Certification Path (Optional)

Certification	Exam	Cost
Power BI Data Analyst Associate	PL-300	\$165

## Textbooks (See SUPPORT-MATERIAL-ANALYSIS.md)

Book	Author	Role
Data Visualisation (3rd Ed)	Andy Kirk	Required - Design
Storytelling with Data	Cole Knaflic	Required - Narrative
Business Analytics in AI Age	Wolfgang Jank	Supplementary - AI

## Part 8: Weekly Resource Integration Map

Week	Module	Microsoft Learn	YouTube	Lab Focus
1	Introduction to AI-Assisted Analytics	Get started	MS Power BI intro	First Copilot conversation
2	Data Preparation	Prepare data	Curbal Power Query	Clean data for Copilot
3	Data Modeling	Model data	Curbal DAX basics	Semantic model design
4	Report Design	Design reports	Guy in a Cube	AI-generated vs. manual
5	Copilot Deep Dive	Copilot module	MS Copilot videos	Prompting techniques
6	Live Case	Case-specific	Case study videos	Starbucks with Copilot
7	Capstone	All resources	Peer review	Final project

## Appendix A: Key URLs Summary

### Microsoft Official

Resource	URL
Power BI Documentation	<a href="https://learn.microsoft.com/en-us/power-bi/">https://learn.microsoft.com/en-us/power-bi/</a>
Microsoft Fabric Documentation	<a href="https://learn.microsoft.com/en-us/fabric/">https://learn.microsoft.com/en-us/fabric/</a>
Copilot for Power BI	<a href="https://learn.microsoft.com/en-us/power-bi/create-reports/copilot-introduction">https://learn.microsoft.com/en-us/power-bi/create-reports/copilot-introduction</a>
Power BI Desktop Download	<a href="https://powerbi.microsoft.com/desktop/">https://powerbi.microsoft.com/desktop/</a>
Power BI Service	<a href="https://app.powerbi.com/">https://app.powerbi.com/</a>
Power BI Community	<a href="https://community.powerbi.com/">https://community.powerbi.com/</a>
Power BI Blog	<a href="https://powerbi.microsoft.com/blog/">https://powerbi.microsoft.com/blog/</a>
PL-300 Certification	<a href="https://learn.microsoft.com/en-us/credentials/certifications/data-analyst-associate/">https://learn.microsoft.com/en-us/credentials/certifications/data-analyst-associate/</a>

Resource	URL
DAX Reference	<a href="https://learn.microsoft.com/en-us/dax/">https://learn.microsoft.com/en-us/dax/</a>

## Community YouTube

Channel	URL
Microsoft Power BI	<a href="https://www.youtube.com/@MicrosoftPowerBI">https://www.youtube.com/@MicrosoftPowerBI</a>
Microsoft Fabric	<a href="https://www.youtube.com/@MicrosoftFabric">https://www.youtube.com/@MicrosoftFabric</a>
Curbal	<a href="https://www.youtube.com/@Curbal">https://www.youtube.com/@Curbal</a>
Guy in a Cube	<a href="https://www.youtube.com/@GuyinaCube">https://www.youtube.com/@GuyinaCube</a>

## Learning Events

Event	URL
Fabric Analyst in a Day Career Hub	<a href="https://aka.ms/LearnFAIAD">https://aka.ms/LearnFAIAD</a> <a href="https://community.fabric.microsoft.com/t5/custom/page/pageid/CareerHubPage">https://community.fabric.microsoft.com/t5/custom/page/pageid/CareerHubPage</a>
30-Day Plans	<a href="https://learn.microsoft.com/en-us/training/topics/30-day-plans/">https://learn.microsoft.com/en-us/training/topics/30-day-plans/</a>

## Appendix B: Copilot Prompt Examples for Course

### Data Exploration

"What are the key trends in this dataset?"  
 "Summarize the main metrics in this report"  
 "Which product category has the highest growth rate?"

### Report Generation

"Create a dashboard showing sales performance by region"  
 "Add a chart comparing this year to last year"  
 "Create an executive summary page with KPIs"

### DAX Generation

"Create a measure for year-over-year growth"  
 "Write a calculation for running total of sales"  
 "Create a measure that shows the percentage of total"

### Insight Discovery

"What's driving the decline in Q3?"  
 "Are there any anomalies in this data?"  
 "What would you recommend based on these metrics?"

### Next Steps

1. **Review and approve** recommended textbooks for course adoption
2. **Confirm Copilot access:** Ensure Fabric capacity (F2+ or P1+) is available for students

3. **Finalize lab sequence:** Map exercises to weekly resource integration
4. **Pilot AI-first methodology:** Test Copilot workflows with sample dataset before semester
5. **Create prompting journal template:** Standardize student reflection format

*Document prepared: March 18, 2026 For: AI-Assisted Power BI Course Development Contact: Fabio Correa*