



Training Catalog

Welcome to our comprehensive catalog of training courses in Artificial Intelligence (AI) and Business Intelligence (BI). This collection offers a wide range of courses designed to equip professionals with the latest skills and knowledge in these rapidly evolving fields. From foundational concepts to advanced techniques, our courses cover various aspects of AI and BI, with a focus on practical applications using Microsoft Azure and Power BI platforms.

CI by Caresoft Inc

- 1** — Lunch and Learn
Interactive session covering the latest trends and advancements in AI and BI.
- 2** — Introduction
Learn about the history, types, and key principles of Azure AI.
- 3** — Intermediate
Explore the advanced features and applications of Azure AI and Power BI.
- 4** — Advanced
Develop expertise in building and deploying complex AI and BI solutions.

Transform Your Business with Microsoft AI



Lunch and Learn



1

AI-driven business transformation

How AI can drive business innovation and efficiency.

2

Using Microsoft AI tools

Overview of Microsoft AI tools and their applications.



3

Case studies and best practices

Real-world examples of AI-driven business transformation.



Develop Custom Copilots with Azure AI Studio

  Lunch and Learn

Introduction to Azure AI Studio

Overview of Azure AI Studio and its capabilities.

Building custom copilots

Steps to create and customize AI copilots.

Integration with business processes

How to integrate copilots into existing workflows.

Microsoft Power Platform: App Maker



Lunch and Learn

1

Introduction to Power Platform

Overview of Microsoft Power Platform and its components.

2

Building apps

Steps to create apps using Power Platform tools.

3

Deployment strategies

Techniques for deploying and managing apps.





Create Copilots with Microsoft Copilot Studio



Lunch and Learn

Introduction to Copilot Studio

Overview of Microsoft Copilot Studio and its capabilities.

Building and customizing copilots

Steps to create and customize AI copilots.

Integration with business applications

How to integrate copilots into existing business workflows.

Bring AI to Business Users in Your Organization



Lunch and Learn

Identifying business use cases

How to identify and prioritize AI use cases within your organization.

Implementing AI solutions

Steps to develop and deploy AI solutions.

Measuring impact and ROI

Techniques for evaluating the effectiveness and return on investment of AI solutions.



Collaboration and sharing Insights with Power BI



Lunch and Learn



Discover how to effectively share Power BI insights with stakeholders in our Lunch and Learn session. Explore collaboration techniques and utilize Power BI Service for efficient distribution.

- Methods for sharing insights with stakeholders
- Leveraging Power BI Service for distribution
- Techniques for collaborating on insights and reports

Deploy and Consume Models with Azure Machine Learning - Auto find Model



Lunch and Learn

1

Model deployment strategies

Best practices for deploying machine learning models.

2

Consuming models in applications

How to integrate deployed models into applications.

3

Monitoring and maintenance

Techniques for monitoring model performance and maintaining models over time.



Design Effective Reports in Power BI - Introduction



Lunch and Learn

Learn to craft impactful reports in Power BI . Dive into report design principles, utilize Power BI features effectively, and enhance report clarity.

- Best practices for clear and impactful report design
- Leveraging Power BI features for effective reporting
- Techniques to improve report clarity and readability



Introduction to Power BI



Lunch and Learn

Join us for a comprehensive session on Power BI basics. Dive into key features and setup steps to kickstart your data analysis journey. Discover how Power BI can transform your business insights.

- Power BI Overview: Understanding its capabilities
- Exploring Features: Dive into basic functionalities
- Initial Setup: Get started with Power BI for the first time



Get Started with Microsoft Copilot for Azure AI Vision

(Two Days)



Basics of Microsoft Copilot

Overview of Microsoft Copilot and its features.

Using Copilot with Azure AI Vision

How to leverage Copilot for computer vision tasks.

Practical applications

Real-world examples of using Copilot with Azure AI Vision.

Manage Workspaces and Datasets in Power BI

(One Day)

Enhance your skills in organizing and controlling workspaces and datasets within Power BI. Learn efficient techniques for managing workspace structures, dataset handling, and access control for better data organization.

- Workspace management: Techniques for efficient organization
- Dataset management: Best practices for handling datasets
- Access control: Managing permissions and data access

Introduction



Manage and Review Models in Azure Machine Learning

(One Day)



Model versioning

Techniques for managing different versions of machine learning models.

Performance tracking

Methods for monitoring model performance over time.

Model auditing

Steps to audit models for compliance and accuracy.

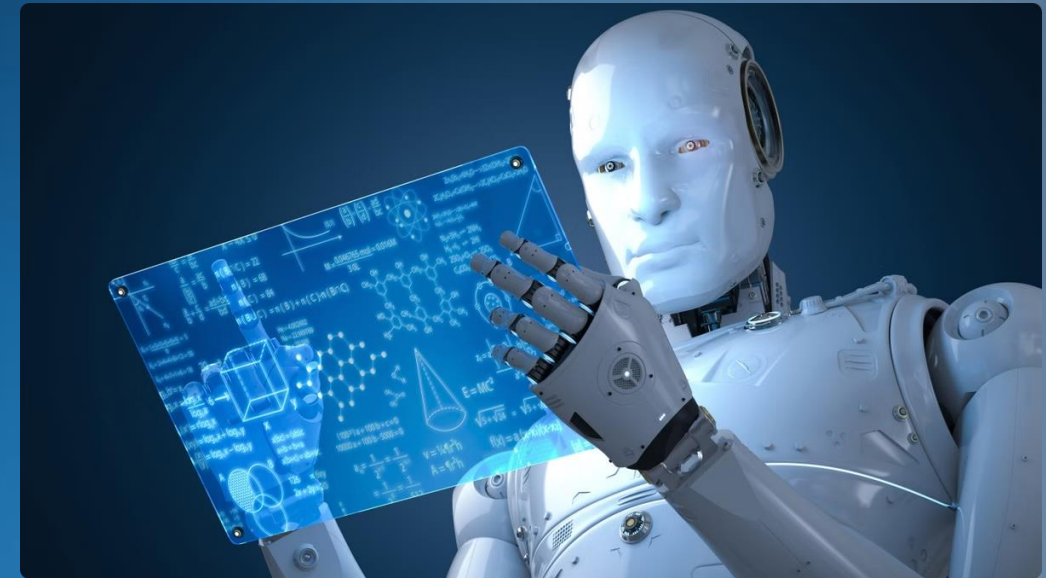
Dashboard in a Day - Workshop

(One Day)

Join our intensive online workshop to master creating dashboards in Power BI within a day. Learn key topics like dashboard creation steps, leveraging Power BI features, and effective design strategies.

- Steps to build dashboards in Power BI
- Leveraging Power BI features for dashboard creation
- Tips and strategies for effective dashboard design

Introduction



Use DAX in Power BI Desktop

(One Day)

Join our 1-day workshop to master Data Analysis Expressions (DAX) in Power BI Desktop. Learn how to manipulate and analyze data effectively with DAX functions and advanced techniques.

- Introduction to DAX and its applications
- Using various DAX functions for data analysis
- Advanced data manipulation techniques with DAX

Introduction



Create and Utilize Analytics Reports with Power BI

(One Day)

Master the art of crafting insightful analytics reports in Power BI. Dive into report creation techniques, effective usage strategies, and sharing methods to empower your data-driven decisions.

- Techniques for building analytics reports
- Effective usage and interpretation of reports
- Methods for sharing reports with stakeholders

Introduction



Get Started with Microsoft Data Analytics

(One Day)

Embark on your data analytics journey with Microsoft tools. This course covers foundational concepts and setup, focusing on data analytics principles, configuring Microsoft tools, and initial data analysis techniques.

- Introduction to data analytics: Learn the principles and importance of data analytics.
- Setting up Microsoft tools: Configure and utilize Microsoft tools for data analytics.
- Basic data analysis techniques: Master the initial steps and methods for data analysis.

Azure AI Engineering - Introduction

(Two Days)

Basics of AI
engineering

Introduction to AI
engineering
principles.

Introduction to
Azure tools

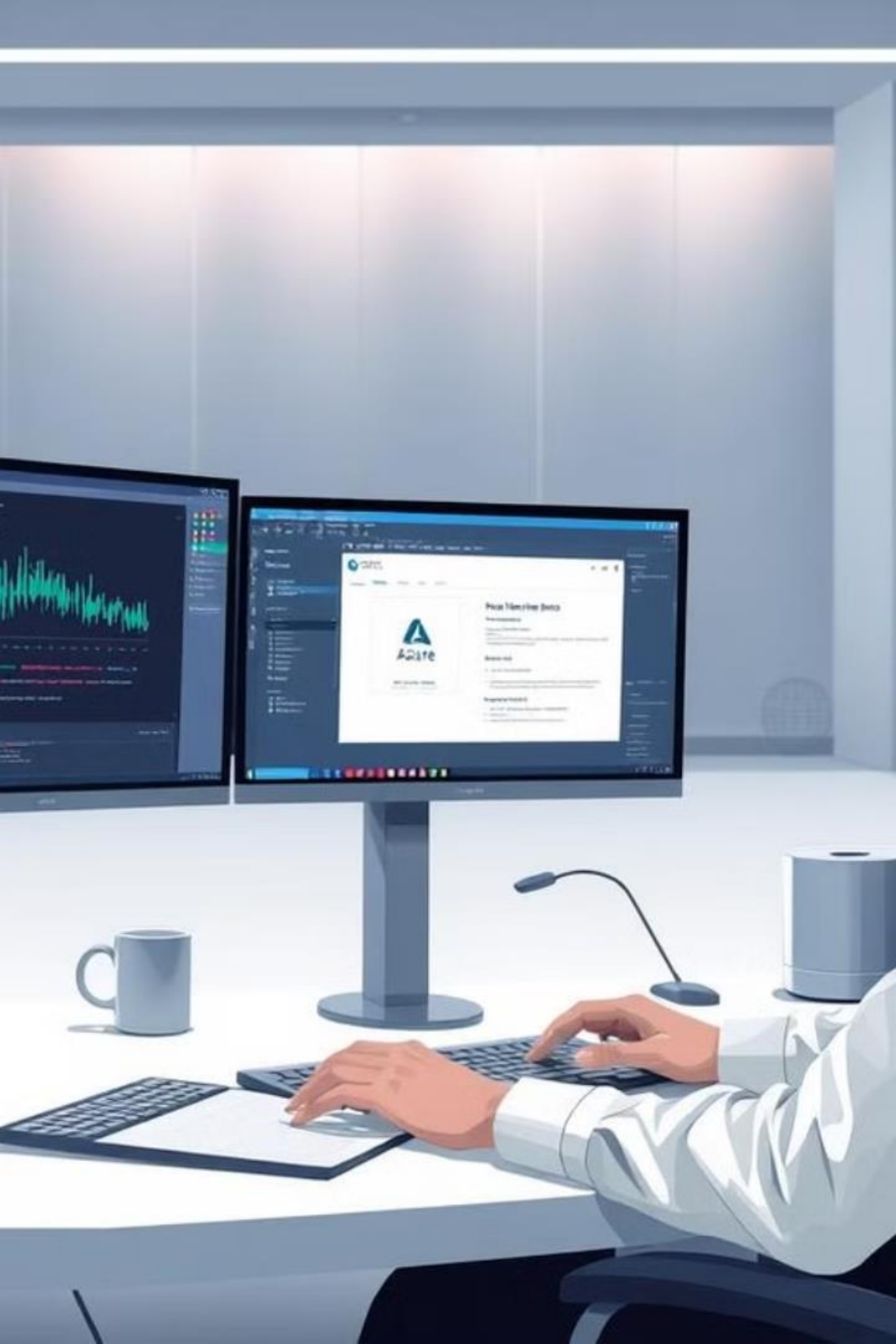
Overview of
essential Azure
tools for AI
development.

Practical
projects and
examples

Hands-on projects
to apply AI
engineering
concepts.

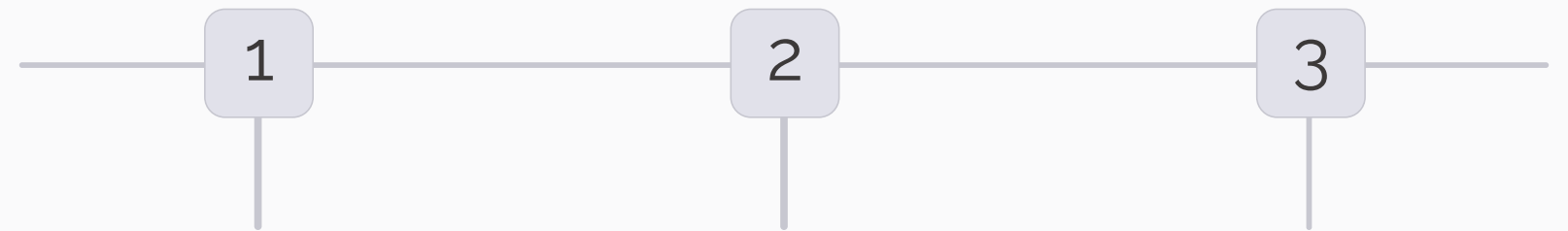
Introduction





Get Started with Azure AI Services

(Two Days)



1
Overview of
Azure AI
services

Introduction to
the range of AI
services offered
by Azure.

2
Setting up
and
configuring
AI services

Step-by-step
guide to setting
up Azure AI
services.

3
Practical use
cases and
examples

Real-world
examples of how
Azure AI services
can be applied.

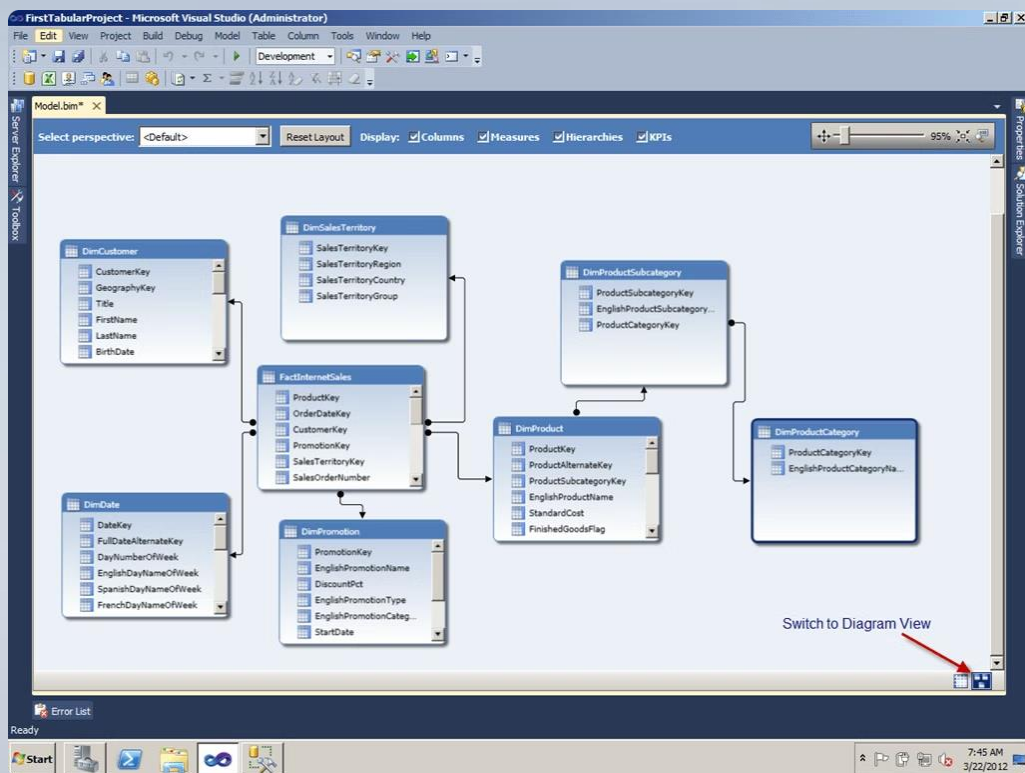
Design and Build Tabular Models

(Two Days)

Enhance your data analysis capabilities by mastering the design and construction of tabular models in Power BI. Dive into tabular model concepts to elevate your analytical skills.

- Understanding the principles of tabular modeling

Intermediate



Prepare Data for Analysis with Power BI

(Three Days)

Discover how to effectively prepare and clean data for analysis using Power BI. Ensure data quality and readiness for further processing with key topics such as data preparation techniques and using Power BI tools for data cleaning.

- Data preparation techniques: Explore methods for cleaning and preparing data.
- Using Power BI for data preparation: Learn about the tools and features in Power BI for data cleaning.
- Ensuring data quality: Dive into best practices for maintaining high data quality.

Intermediate





Microsoft Azure AI Fundamentals: AI Overview (Three Days)

- 1** — Understanding AI concepts
Learn about the history, types, and key principles of Azure AI.
- 2** — Exploring Azure AI services
Overview of various AI services provided by Azure, such as Azure Machine Learning, Cognitive Services, and Bot Services.
- 3** — Practical applications of AI
Real-world examples of AI applications in different industries.

Get and Transform Data with Power BI

(Three Days)

Unlock the power of data retrieval and transformation in Power BI. This course focuses on extracting and shaping data, covering methods for data extraction, transformation techniques, and leveraging Power Query.

- Data extraction: Methods for retrieving data from various sources
- Data transformation: Techniques for transforming data to fit analysis needs
- Using Power Query: Leveraging Power Query for data extraction and transformation

Intermediate



Computer Vision with Azure

(Two Days)

Introduction to computer vision

Basics of computer vision and its applications.

Using Azure Computer Vision API

How to leverage Azure's API for image processing tasks.

Implementing image recognition and analysis

Techniques for recognizing and analyzing images using Azure tools.

Intermediate



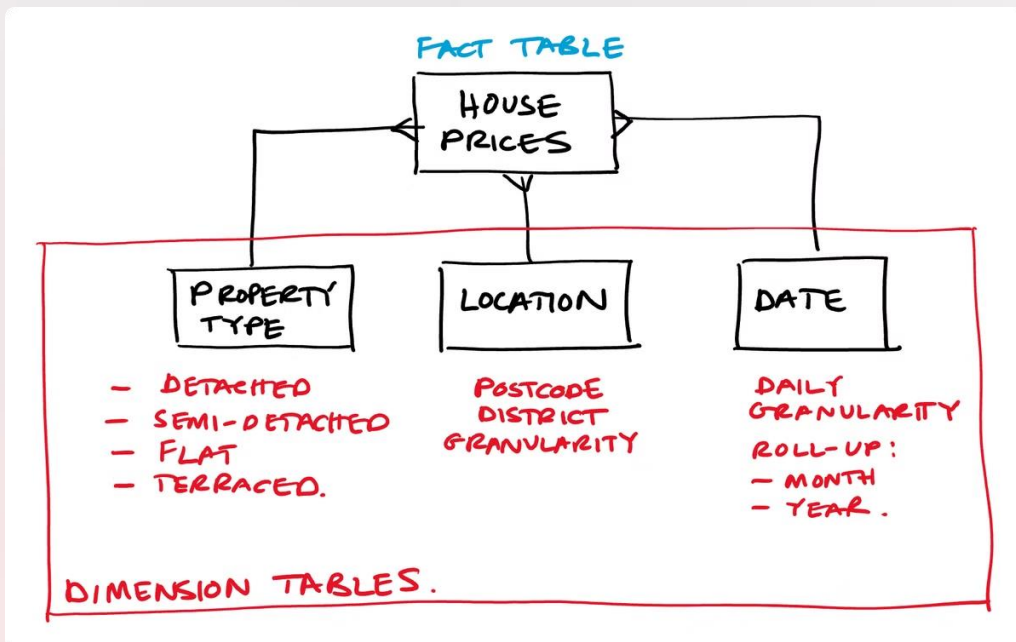
Work with Semantic Models in Microsoft Power BI

(Two Days)

Master the art of creating and managing semantic models in Power BI. Dive into semantic model concepts, learn to build models, and discover techniques for effective model management.

- Understanding semantic model principles
- Building semantic models in Power BI
- Effective techniques for managing models

Intermediate



Model Data with Power BI

(Two Days)

Delve into the world of data modeling with Power BI. This course explores creating relationships and calculations, covering data modeling concepts, establishing relationships, and building calculations effectively.

- Data modeling concepts: Dive into the principles of data modeling.
- Creating relationships in Power BI: Learn to connect different data sets seamlessly.
- Building calculations: Master techniques for creating calculated columns and measures.

Intermediate





Natural Language Processing with Azure

(Two Days)

- 1** Basics of NLP
Introduction to NLP concepts and techniques.
- 2** Azure Cognitive Services for language
Using Azure's language services for text analysis, translation, and sentiment analysis.
- 3** Building chatbots and language models
Practical steps to create and deploy chatbots and language models.

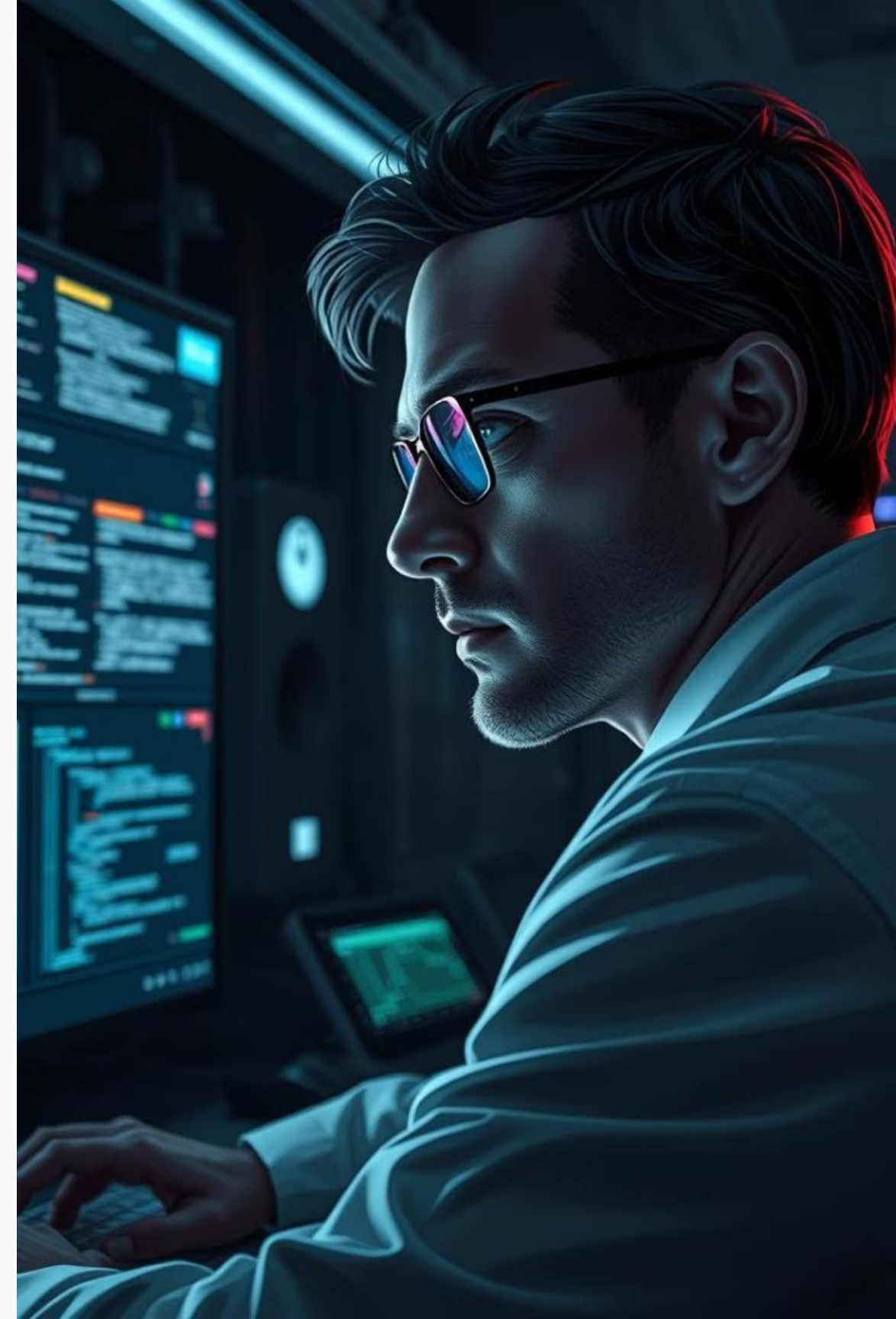
Intermediate

Security in AI Applications

(Three Days)

- 1** Security challenges in AI
Common security issues in AI applications.
- 2** Implementing security measures
Techniques to secure AI models and data.
- 3** Compliance and best practices
Ensuring compliance with industry standards and best practices.

Intermediate



Develop Dynamic Reports with Microsoft Power BI

(Three Days)

Enhance user engagement and insights with dynamic and interactive reports in Power BI. Learn techniques for building dynamic reports, leveraging interactive features, and creating engaging user experiences.

- Techniques for interactive report creation
- Leveraging dynamic features in Power BI
- Best practices for user engagement

Intermediate



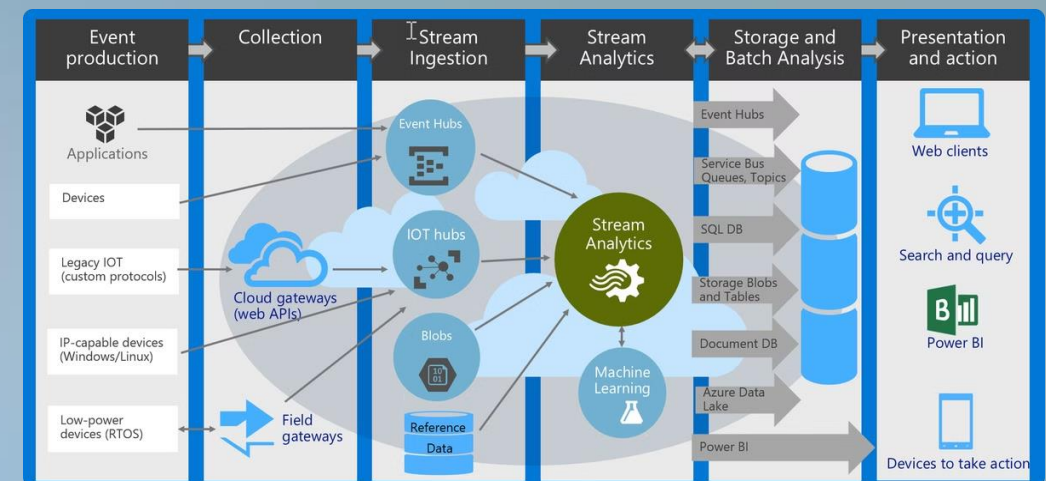
Implement a Data Streaming Solution with Azure Stream Analytics

(Two Days)

Join our 2-day course to master Azure Stream Analytics for real-time data processing. Explore data streaming basics, setting up Azure Stream Analytics, and real-time data processing techniques.

- Introduction to data streaming and its applications
- Using Azure Stream Analytics for real-time data processing
- Techniques for processing data in real-time

Intermediate





Design a Machine Learning Solution

(Three Days)

Basics of machine learning

Introduction to machine learning concepts and algorithms.

Azure Machine Learning services

Overview of Azure's machine learning tools and services.

Building and deploying ML models

Practical steps to create and deploy machine learning models.

Intermediate

Optimize Model Training with Azure Machine Learning

(Two Days)

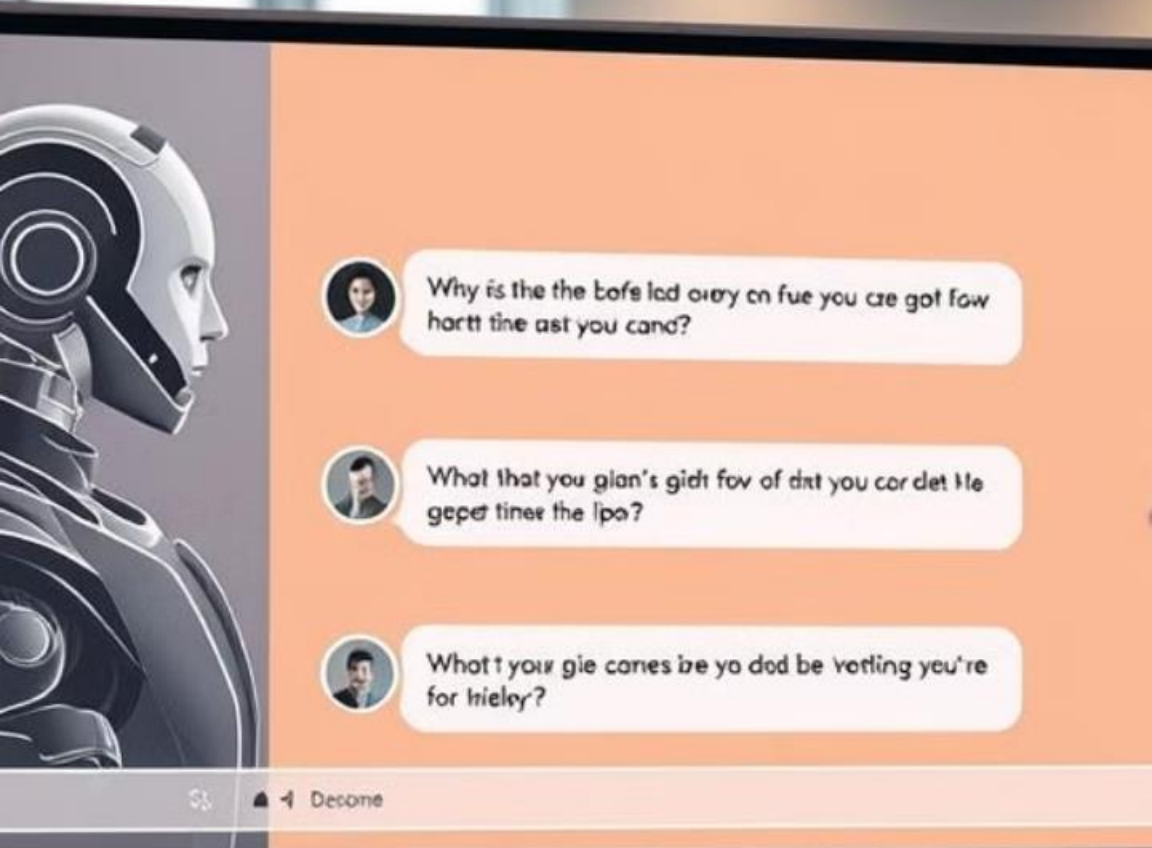
- 1** Hyperparameter tuning
Methods for optimizing model parameters to improve performance.
- 2** Model evaluation
Techniques for assessing model accuracy and effectiveness.
- 3** Performance optimization
Strategies for enhancing model training efficiency and speed.

Intermediate



Develop Generative AI Solutions with Azure QnA Maker

(Three Days)



- 1 Introduction to generative AI
Basics of generative AI and its applications.
- 2 Using Azure QnA Maker
How to use Azure QnA Maker for creating QnA solutions.
- 3 Building and deploying QnA solutions
Steps to develop and deploy QnA models.

Intermediate

Explore and Configure the Azure Machine Learning Workspace

(Two Days)

1 Workspace configuration

Learn how to set up and configure your Azure Machine Learning workspace.

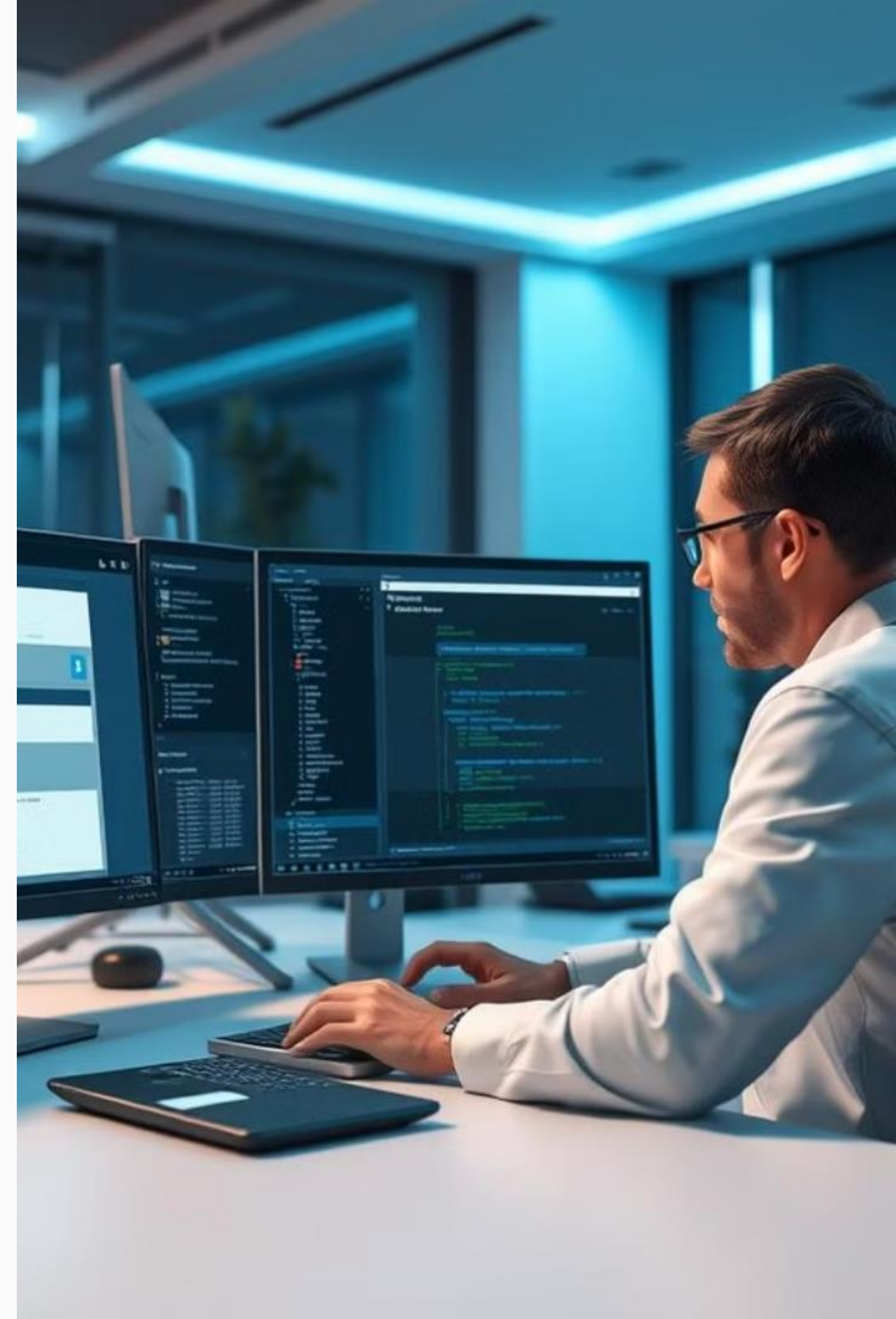
2 Resource management

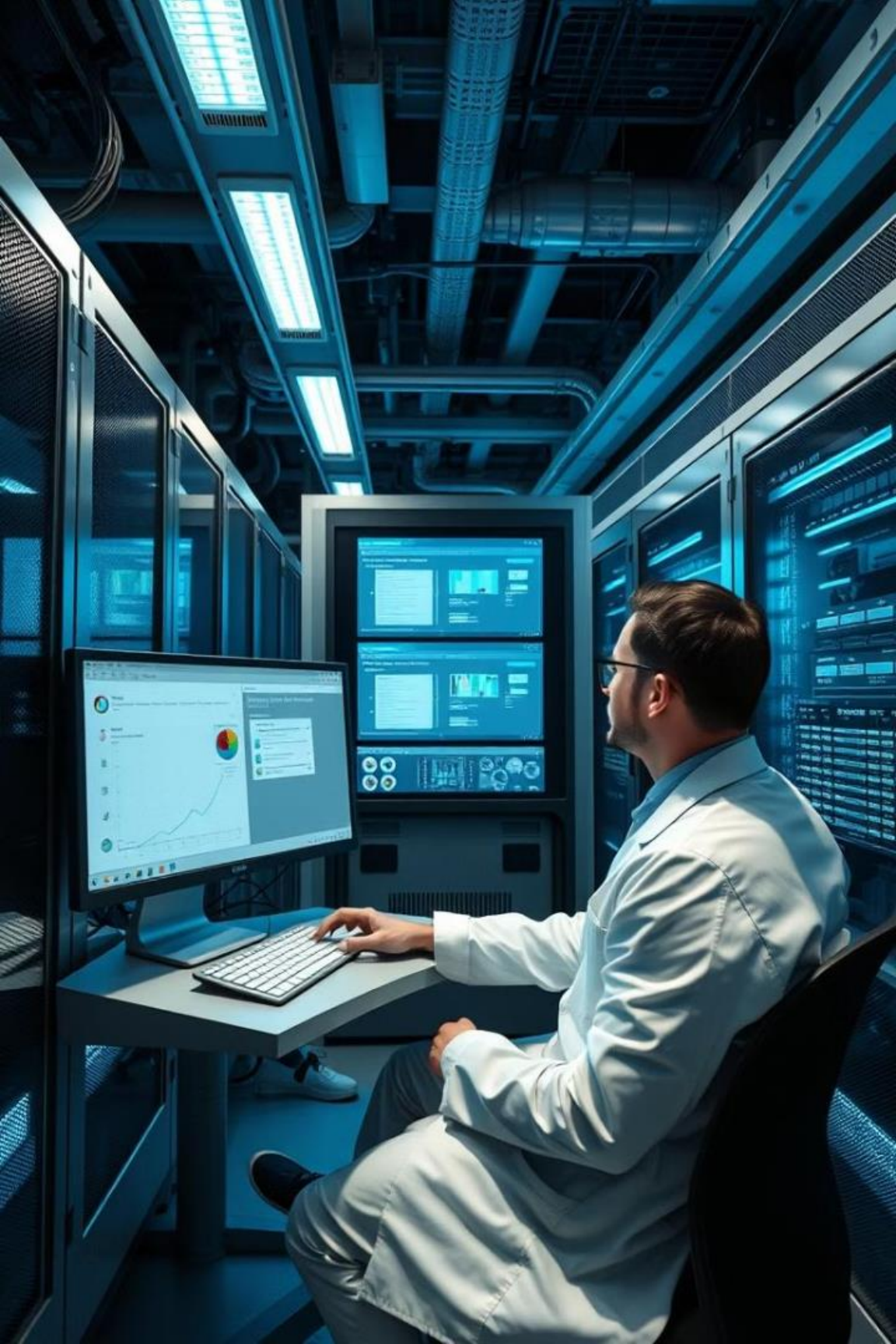
Techniques for managing resources within the workspace, including compute and storage.

3 Best practices

Tips and strategies for maintaining an efficient and organized workspace.

Intermediate





Work with Compute in Azure Machine Learning

(Two Days)

1

Setting up compute clusters

How to configure and manage compute clusters in Azure.

2

Resource allocation

Techniques for efficiently allocating compute resources.

3

Cost management

Strategies for managing and optimizing costs associated with compute resources.

Intermediate

Develop Natural Language Processing Solutions with Azure AI Services

(Two Days)

1

Advanced NLP techniques

In-depth exploration of NLP methods and algorithms.

2

Using Azure AI for NLP

How to leverage Azure AI services for NLP tasks.

3

Practical projects

Hands-on projects to apply NLP techniques.

Intermediate





Develop Solutions with Azure AI

(Four Days)

- 1 — Solution development lifecycle
Steps involved in developing AI solutions.
- 2 — Azure AI tools and services
Overview of tools and services available in Azure for AI development.
- 3 — Deployment strategies
Techniques for deploying AI solutions in production.

Document Intelligence with Azure AI

(Three Days)

Document processing techniques

Methods for extracting data from various document types.

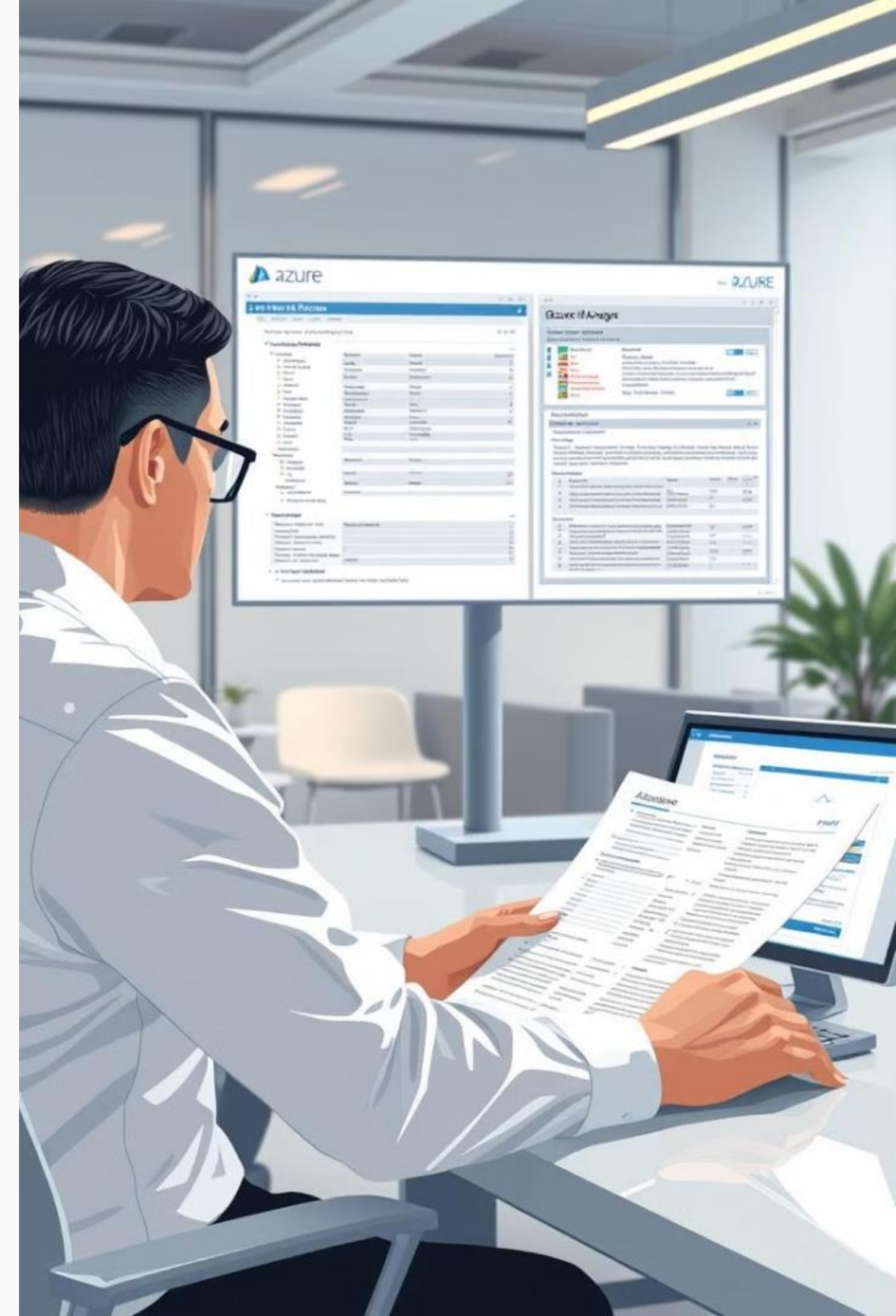
Using Azure Form Recognizer

How to leverage Azure Form Recognizer for document analysis.

Real-world use cases

Examples of document intelligence applications in different industries.

Intermediate





Work with Data in Azure Machine Learning

(Three Days)

Data preparation and cleaning

Techniques for preparing and cleaning data for machine learning.

Using Azure Machine Learning datasets

How to use datasets in Azure Machine Learning.

Data transformation techniques

Methods for transforming data for analysis.

Intermediate

Azure OpenAI Service

(Four Days)

Introduction to Azure OpenAI

Overview of Azure's OpenAI capabilities.

Deploying and managing AI models

Steps to deploy and manage AI models on Azure.

Integrating AI with business processes

How to integrate AI solutions into existing business workflows.

Advanced





Create Computer Vision Solutions with Azure AI Vision

(Four Days)

Introduction to Azure AI Vision

Basics of Azure AI Vision and its capabilities.

Building and deploying vision models

Steps to create and deploy computer vision models.

Real-world applications

Examples of computer vision applications in various industries.

Advanced

Implement Knowledge Mining with Azure AI Search

(Four Days)

Introduction to knowledge mining

Basics of knowledge mining and its applications.

Using Azure AI Search

How to leverage Azure AI Search for information retrieval.

Practical applications

Real-world examples of knowledge mining.

Advanced





Azure AI Engineering - Advanced

(Four Days)

1

Advanced AI engineering concepts

In-depth exploration of AI engineering techniques.

2

Integrating AI with Azure services

How to integrate AI models with various Azure services.

3

Real-world case studies

Examples of AI engineering in real-world scenarios.

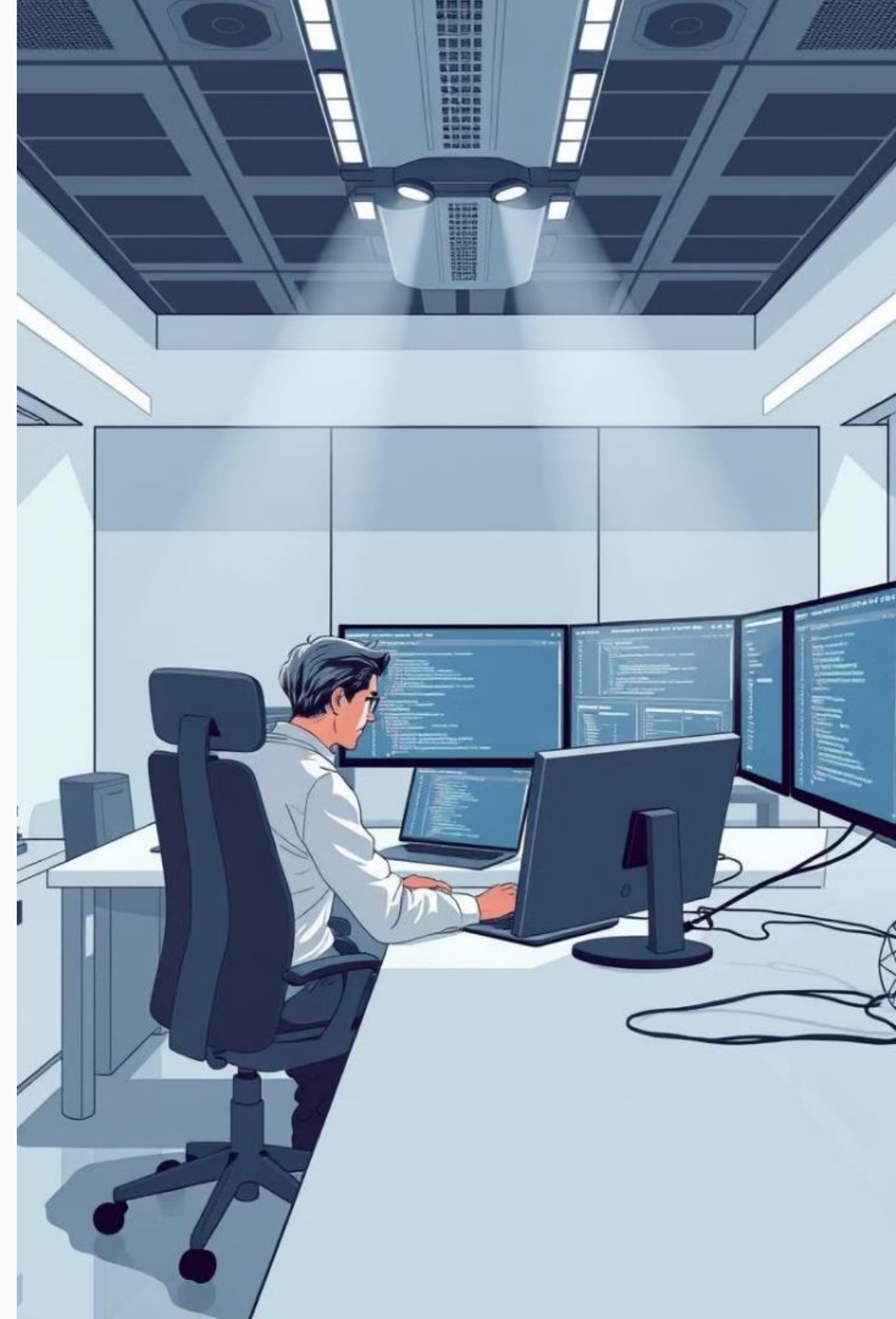
Advanced

Notebooks for Experimentation in Azure Machine Learning

(Four Days)

- 1 Introduction to Jupyter Notebooks
Basics of using Jupyter Notebooks for data science.
- 2 Experiment tracking
Techniques for tracking and managing experiments.
- 3 Collaborative workflows
Methods for collaborating on data science projects using notebooks.

Advanced





Create Machine Learning Models with Azure Machine Learning Studio

(Four Days)

Model building process

Steps to create machine learning models in Azure ML Studio.

Using Azure ML Studio

How to leverage the features of Azure ML Studio for model development.

Deployment and monitoring

Techniques for deploying models and monitoring their performance.

Advanced

Design Effective Reports in Power BI - Advanced

(Four Days)

Master the art of creating highly effective reports with advanced Power BI techniques. Learn how to leverage best practices for impactful design, explore the full range of Power BI features, and develop reports that are clear, concise, and readily understandable.

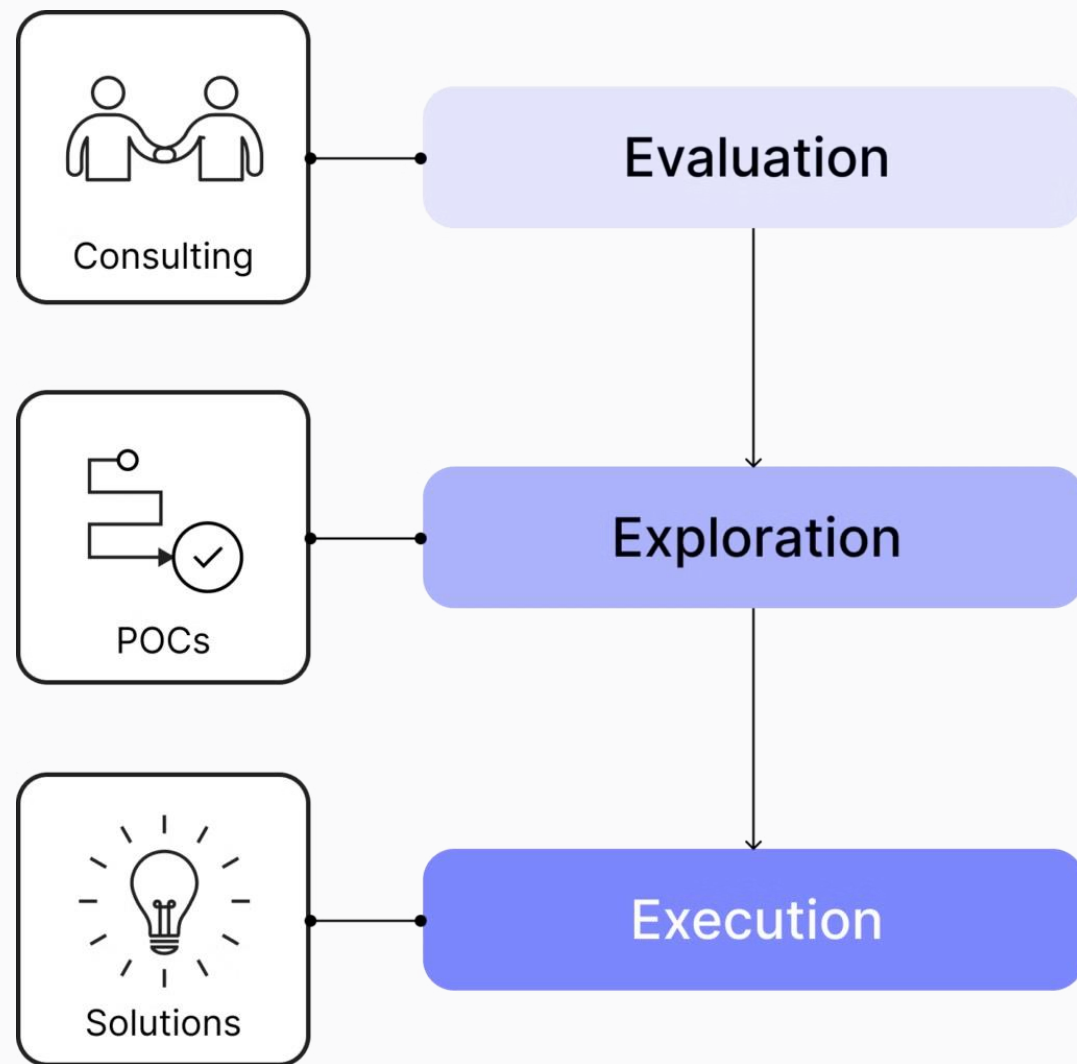
- Best practices for creating visually appealing and impactful report design
- Leveraging the full range of Power BI features for effective reporting
- Techniques for enhancing report clarity, readability, and data storytelling

Advanced



Custom AI Solutions in Azure

(Four Days)



Explore the world of custom AI solutions in Azure tailored to meet specific business requirements. Learn to design and deploy AI models using VS code and Azure services.

- Designing and deploying AI models using VS code and Azure services
- Integrating AI with existing IT infrastructure for seamless operations
- Leveraging Azure Cognitive Services for custom AI solutions
- Implementing MLOps practices for model management and deployment
- Monitoring and optimizing AI model performance in production