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Microsoft Azure AI Fundamentals (AI-900) Crash Course

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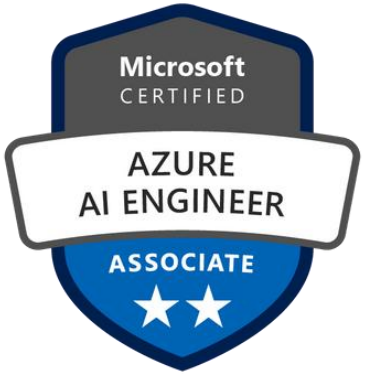

Microsoft Azure Fundamentals (AZ-900) Certification Course, 2nd Edition

Continue

4h 55m remaining

With your instructor

Reza Salehi

+ Add to playlist

Associated roles

Cloud native engineer | Cloud solutions architect | Cybersecurity engineer | Database administrator

+1 more

Skills covered

AZ-900: Microsoft Azure Fundamentals

AZ-303: Microsoft Azure Architect...

AZ-500: Microsoft Azure Security...

AI-900: Microsoft Azure AI Fundamentals

Includes quizzes

Test your knowledge during the course and with a final quiz.

October 2024

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Learning Outcomes

- Gain knowledge of Azure cloud concepts and services
- Explore Azure services in greater depth
- Get ready for Exam AZ-900: Microsoft Azure Fundamentals
- Comfortably work with the Azure portal

The Microsoft Azure Fundamentals (AZ-900) exam is one of the most popular certifications for those who are just beginning to work with cloud-based solutions and services or who are new to Azure. The exam certifies knowledge of cloud concepts, Azure services, workloads, security and privacy, and pricing and support.

In this self-paced course, Reza Salehi will help you get familiar with Microsoft Azure's cloud services and begin your Azure certification journey. This course is aligned to the AZ-900 exam objective domains and has recently been updated to reflect the most current version of the exam (2024). It covers all the services and concepts in the Azure ecosystem you need to know in order to prepare for the test.

What you'll learn and how to apply it

By the end of this certification course, you will understand the following:

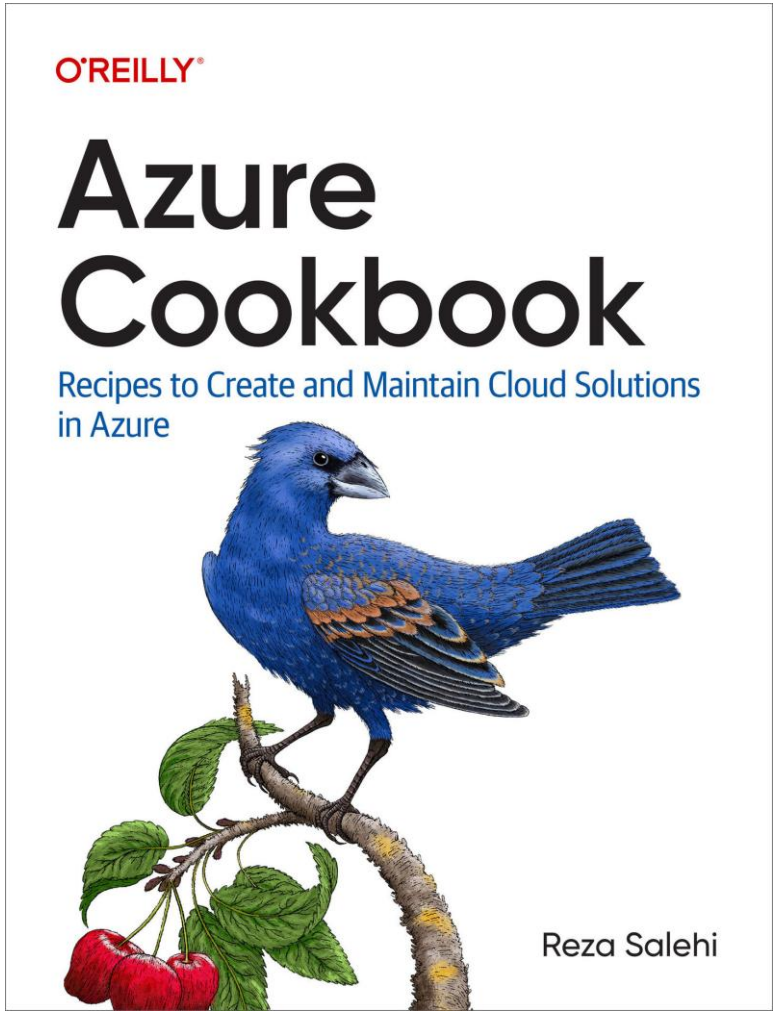
- General cloud concepts
- Core Azure services
- Core solutions and management tools on Azure
- General security and network security features
- Identity, governance, privacy, and compliance features
- Azure cost management and service-level agreements

Azure Cookbook

https://learning.oreilly.com/library/view/azure-cookbook/9781098135782/

https://www.amazon.ca/Azure-Cookbook-Recipes-Maintain-Solutions/dp/1098135792/

https://www.amazon.com/Azure-Cookbook-Recipes-Maintain-Solutions/dp/1098135792



Course Overview

AI-900 Crash Course

- Describe Artificial Intelligence workloads and considerations (15-20%)
- Describe fundamental principles of machine learning on Azure (20-25%)
- Describe features of computer vision workloads on Azure (15–20%)
- Describe features of Natural Language Processing (NLP) workloads on Azure (15-20%)
- Describe features of generative AI workloads on Azure (15–20%)

Course Repository

https://github.com/zaalion/oreilly-ai-900

Congratulations, you passed!

You've renewed your Microsoft Certified: Azure Security Engineer Associate and have extended it by **one year**.

See your results

oreilly-ai-900

Public

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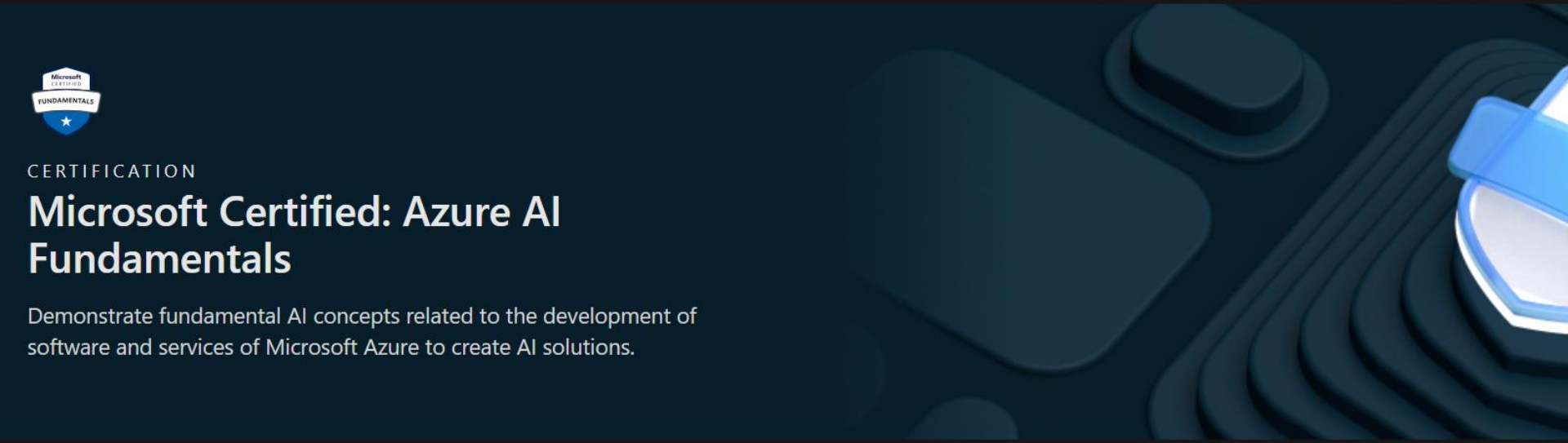
master | 1 Branch | 0 Tags | Go to file t | Add file | Code

rezasalehinewsig Q&A + white board — 1160ea8 · 2 months ago — **25 Commits**

Demo	Q&A + white board	2 months ago
Q&A	Q&A + white board	2 months ago
Whiteboard	Q&A + white board	2 months ago
.gitignore	Updated slide deck	2 years ago
OReilly-Branded-RezaSalehi-AI-900.pdf	Oct 2024	4 months ago



CERTIFICATION

Microsoft Certified: Azure AI Fundamentals

Demonstrate fundamental AI concepts related to the development of software and services of Microsoft Azure to create AI solutions.

At a glance

Level
Beginner

Product
Azure

Role

Last Updated

Prepare for the exam

COURSE

Microsoft Azure AI Fundamentals

Continue course >

Training in this course

Microsoft Azure AI Fundamentals: AI Overview

3 hr 6 min • Learning Path • 3 units

Microsoft Azure AI Fundamentals: Computer Vision

1 hr 40 min • Learning Path • 3 units

Microsoft Azure AI Fundamentals: Natural Language Processing

2 hr 22 min • Learning Path • 4 units

Microsoft Azure AI Fundamentals: Document Intelligence and Knowledge Mining

1 hr 31 min • Learning Path • 2 units

Azure solutions for integrating AI into applications

Azure Machine Learning

Azure AI services

Choose a service to train a machine learning model [1]

Icon	Description
	**Azure Machine Learning** gives you many different options to train and manage your machine learning models. You can choose to work with the Studio for a UI-based experience, or manage your machine learning workloads with the Python SDK, or CLI for a code-first experience. Learn more about Azure Machine Learning.
	**Azure Databricks** is a data analytics platform that you can use for data engineering and data science. Azure Databricks uses distributed Spark compute to efficiently process your data. You can choose to train and manage models with Azure Databricks or by integrating Azure Databricks with other services such as Azure Machine Learning. Learn more about Azure Databricks.
	**Azure Synapse Analytics** is an analytics service, which uses distributed compute for big data analytics. Azure Synapse Analytics is primarily designed to ingest and transform data at scale but also includes several machine learning capabilities. To train models with Azure Synapse Analytics, you can train models on Spark pools with MLlib or use the integrated Automated Machine Learning feature from Azure Machine Learning. Learn more about Azure Synapse Analytics, and specifically about the machine learning capabilities in Azure Synapse Analytics.
	**Azure AI Services** is a collection of prebuilt machine learning models you can use for common machine learning tasks such as object detection in images. The models are offered as an application programming interface (API), so you can easily integrate a model with your application. Some models can be customized with your own training data, saving time and resources to train a new model from scratch. Learn more about Azure AI Services.

Choose a service to train a machine learning model [1]

- **Use Azure AI Services** whenever one of the customizable pre-built models suits your requirements, to save time and effort.
- **Use Azure Synapse Analytics** or **Azure Databricks** if you want to keep the data, models, etc. (data engineering and data science) within the same service.
- **Use Azure Synapse Analytics or Azure Databricks** if you need distributed compute for working with large datasets. You'll need to work with PySpark to use the distributed compute.
- **Use Azure Machine Learning or Azure Databricks** when you want full control over model training and management.
- **Use Azure Machine Learning** when Python (or R) is your preferred programming language.
- **Use Azure Machine Learning** when you want an intuitive user interface to manage your machine learning lifecycle.

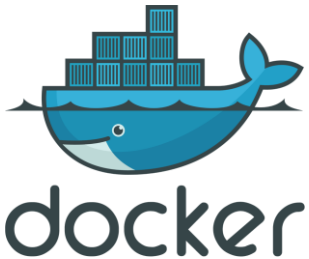
Choose a service to train a machine learning model

- Azure AI Services (formerly known as Cognitive Services)
  - **Pre-built ML models** and APIs
  - Add AI capabilities to applications without requiring deep ML expertise
  - Cover areas such as vision, speech, language, and decision-making
- Azure Machine Learning
  - Comprehensive platform designed for data scientists and developers
  - Build, train, and deploy **custom ML models**
  - Tools for data preparation, experimentation, and model management
  - Supporting various frameworks and programming languages

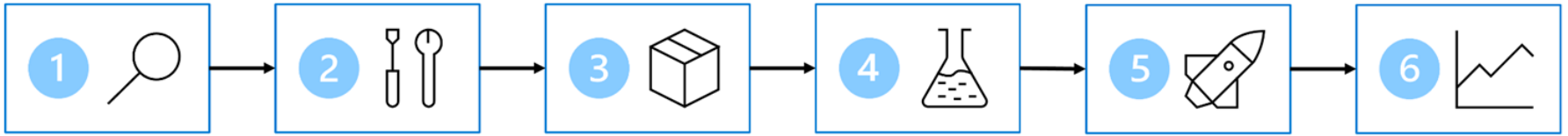
Creating Your Own ML Model with Azure Machine Learning

1. **Define the problem**
2. **Collect and prepare data** (Ensure it's clean, well-organized, and relevant)
3. **Preprocess data** (Handle duplicates, missing values, outliers, etc.)
4. **Split the data** (training, validation/test)
5. **Choose a model** (select a ML algorithm/model based on the nature of your problem)
6. **Set / tune hyperparameters** (settings that affect the learning process & not learned from the data)
7. **Train the model** (Feed the training data into the model)
8. **Validate the model**
9. **Evaluate on test set** (go to 6)
10. **Deploy the model**
11. **Monitor and maintain**

Azure Machine Learning Prerequisites

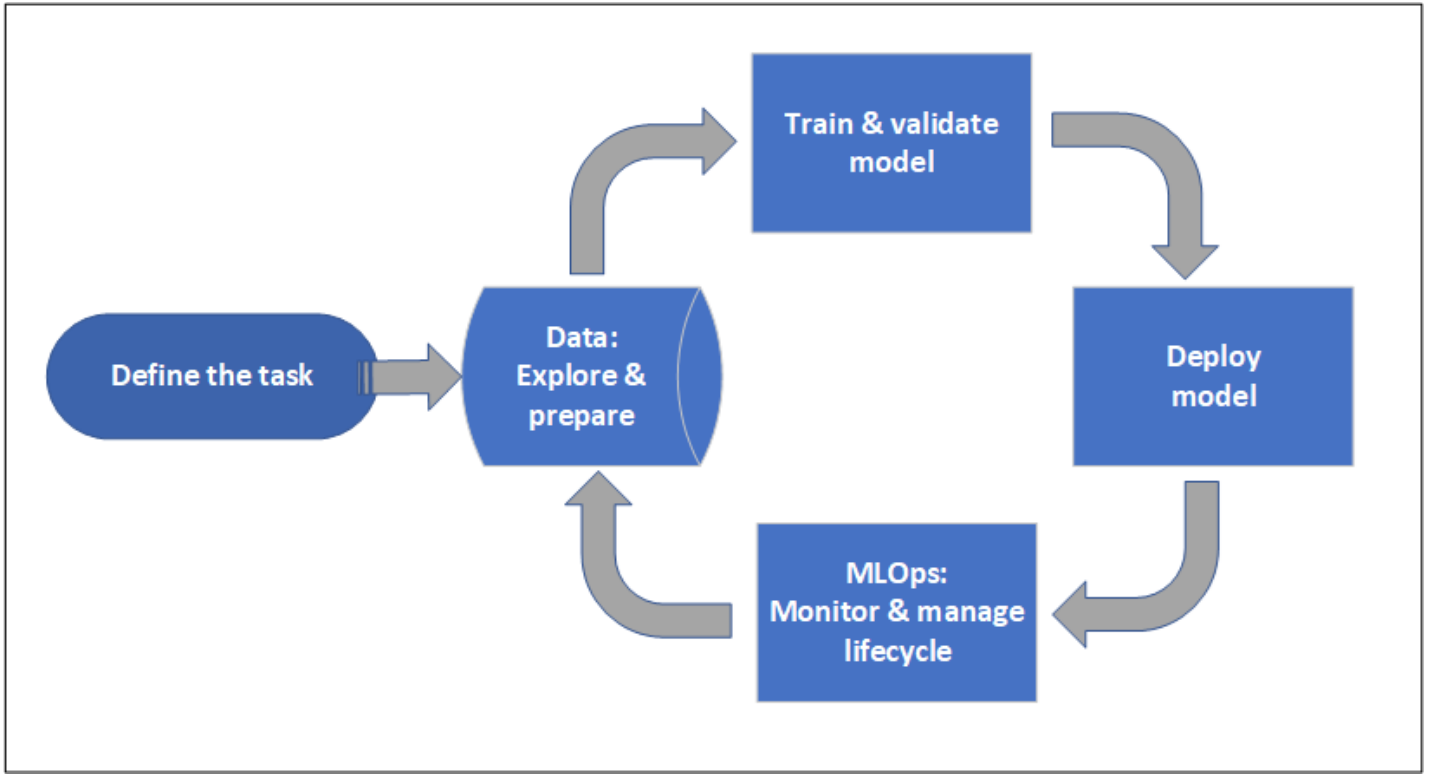


Azure Machine Learning Steps

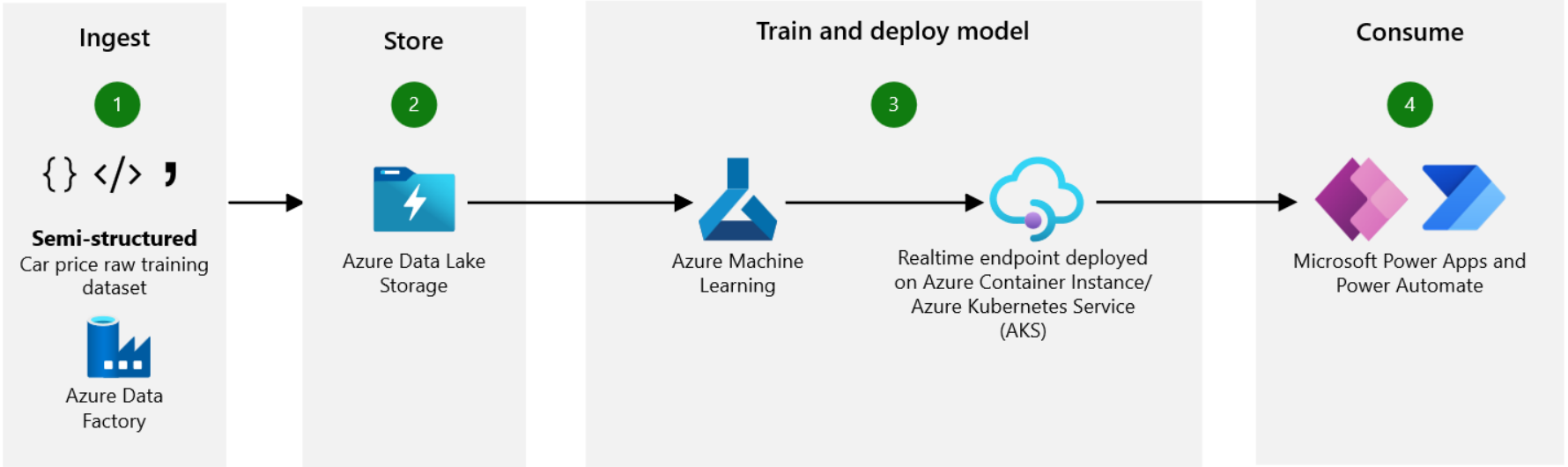


1. **Define the problem**: Decide on what the model should predict and when it's successful.
2. **Get the data**: Find data sources and get access.
3. **Prepare the data**: Explore the data. Clean and transform the data based on the model's requirements.
4. **Train the model**: Choose an algorithm and hyperparameter values based on trial and error.
5. **Integrate the model**: Deploy the model to an endpoint to generate predictions.
6. **Monitor the model**: Track the model's performance.

Azure Machine Learning Steps



Creating Your Own ML Model (Azure Machine Learning)



Microsoft Azure

https://learn.microsoft.com/en-us/azure/architecture/example-scenario/ai/deploy-real-time-machine-learning-model-application-ui

Azure solutions for integrating AI into applications

Azure AI services

https://learn.microsoft.com/en-us/azure/ai-services/what-are-ai-services

Azure solutions for integrating AI into applications

- Azure AI Agent Service
- Azure AI Model Inference
- Azure AI Search
- Azure OpenAI
- Bot Service
- Content Safety
- Custom Vision
- Document Intelligence

- Face
- Immersive Reader
- Language
- Speech
- Translator
- Video Indexer
- Vision

- Anomaly Detector (retired)
- Content Moderator (retired)
- Language understanding (retired)
- Metrics Advisor (retired)
- Personalizer (retired)
- QnA maker (retired)

Azure AI services

https://learn.microsoft.com/en-us/azure/ai-services/what-are-ai-services

CERTIFICATION

Microsoft Certified: Azure Data Scientist Associate

Manage data ingestion and preparation, model training and deployment, and machine learning solution monitoring with Python, Azure Machine Learning and MLflow.

At a glance

Level
Intermediate

Product
Azure

Microsoft Certified Azure Data Scientist Associate (DP-100) Crash Course

Published by O'Reilly Media, Inc.

Intermediate to advanced

Develop machine learning solutions with Microsoft Azure

Complete this course and earn a badge!

What you'll learn Is this live event for you? Schedule

Course outcomes

- Understand the use cases, scope, and capabilities of Azure Machine Learning
- Learn how to create a suitable working environment for data science workloads
- Explore the objectives of the DP-100 exam and prepare for the test

Course description

Machine learning skills are crucial in today's data-driven world, where businesses and industries rely on machine learning to gain insights, improve efficiency, and innovate. Microsoft Azure offers a rich set of machine learning tools and services and gaining experience managing end-to-end machine learning pipelines in Azure helps propel careers in data science. The DP-100: Designing and Implementing a Data Science Solution on Azure exam is aimed at validating these skills.

Expert Reza Salehi takes you through each of the exam domains and the process of designing Azure Machine Learning solutions. After this course you'll be prepared to take the exam DP-100 to become a Microsoft Certified: Azure Data Scientist Associate.

The Live Course has ended

Unfortunately there are no more sessions scheduled for this course at this time.

Would you like to search for more courses with Reza Salehi or about Microsoft Azure?

Notify me when new sessions are added.

Your Instructor

Reza Salehi

Reza Salehi is a consultant, trainer, author and industry expert with over two decades of experience in the professional IT field. Reza has trained thousands of students through various instructional formats, including live ses-...
Read more

Associated roles

Cloud native engineer | Cloud solutions architect | Data architect | Database administrator

+4 more

Skill covered

Microsoft Azure

Pulse Check (25): Have you used any Azure AI Services before?

Describe Artificial Intelligence workloads and considerations (15-20%)

Poll #1 (27): I'm creating an online photo album and need AI to generate image captions. Which service is the easiest to use?

- Azure Computer Vision
- Azure Machine Learning
- Azure Cognitive Search
- Azure OpenAI Service

Describe Artificial Intelligence workloads and considerations (15-20%)

- Identify features of common AI workloads
- Identify guiding principles for responsible AI

Identify features of common AI workloads

- Identify computer vision workloads [see 1 2 3 4 5 6 7]
- Identify natural language processing workloads [see 0 1 2 3 4 5]
- Identify document processing workloads [see 1 2 3 4 5 6 7]
- Identify features of generative AI workloads

Identify Guiding Principles for Responsible AI

- Describe considerations for fairness in an AI solution [see 1 2 3]
- Describe considerations for reliability and safety in an AI solution [see 1]
- Describe considerations for privacy and security in an AI solution [see 1]
- Describe considerations for inclusiveness in an AI solution [see 1]
- Describe considerations for transparency in an AI solution [see 1]
- Describe considerations for accountability in an AI solution [see 1]

AI Vision

Use one of your own files or choose from a sample below.

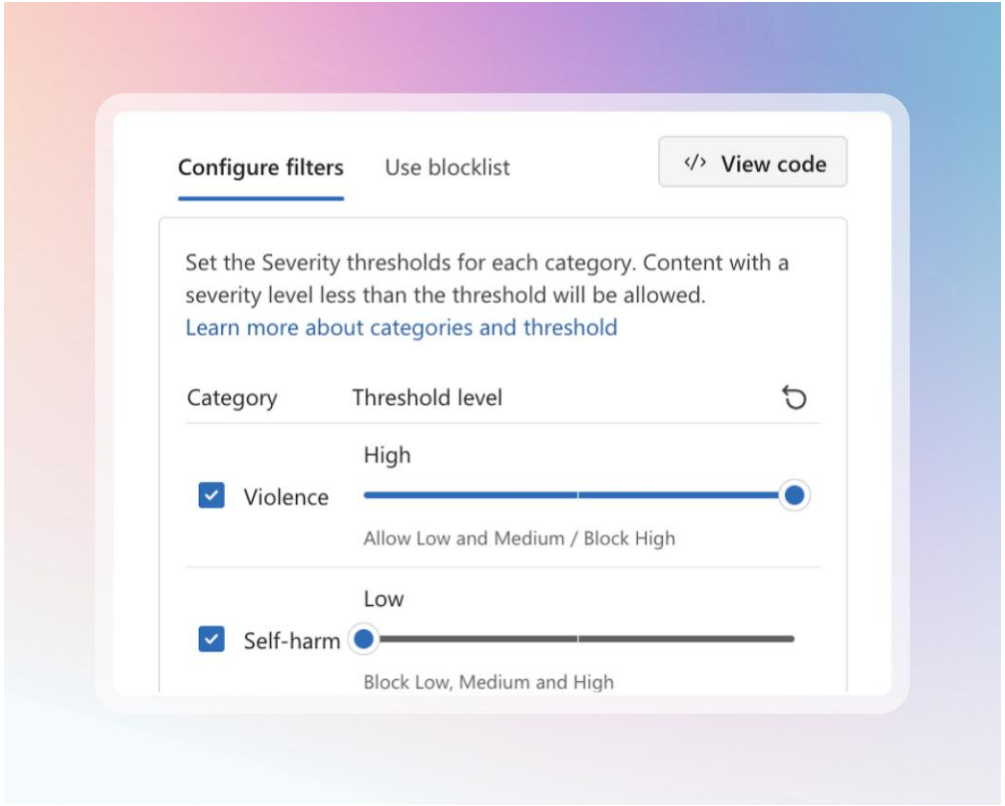
Sample form #3

Detected attributes JSON

Nutrition Facts Amount Per Serving
Serving size: 1 bar (40g)
Serving Per Package: 4
Total Fat 13g
Saturated Fat 1.5g
Amount Per Serving
Trans Fat 0g
alories 190
Cholesterol 0mg
ories from Fat 110
Sodium 20mg
nt Daily Values are based on
Vitamin A 50%
calorie diet.

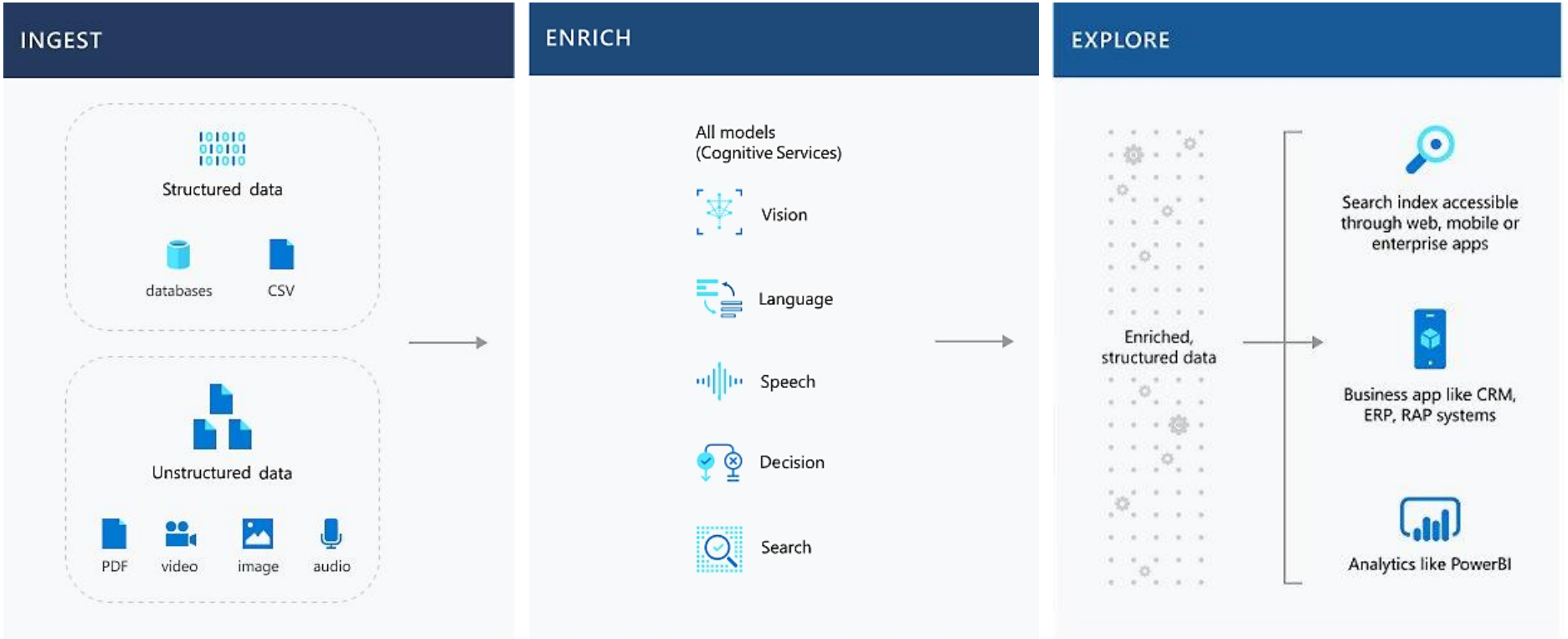
https://learn.microsoft.com/en-us/azure/ai-services/computer-vision/overview-ocr

Content Moderation (Content Safety)



https://azure.microsoft.com/en-us/products/ai-services/ai-content-safety

Knowledge Mining Workloads



https://azure.microsoft.com/en-us/solutions/knowledge-mining

Knowledge Mining Workloads

Azure Cognitive Search

Identify and explore relevant content with the only cloud search service with built-in AI capabilities.

Azure Cognitive Services

Employ cognition capabilities to expand understanding across content types.

Azure Machine Learning

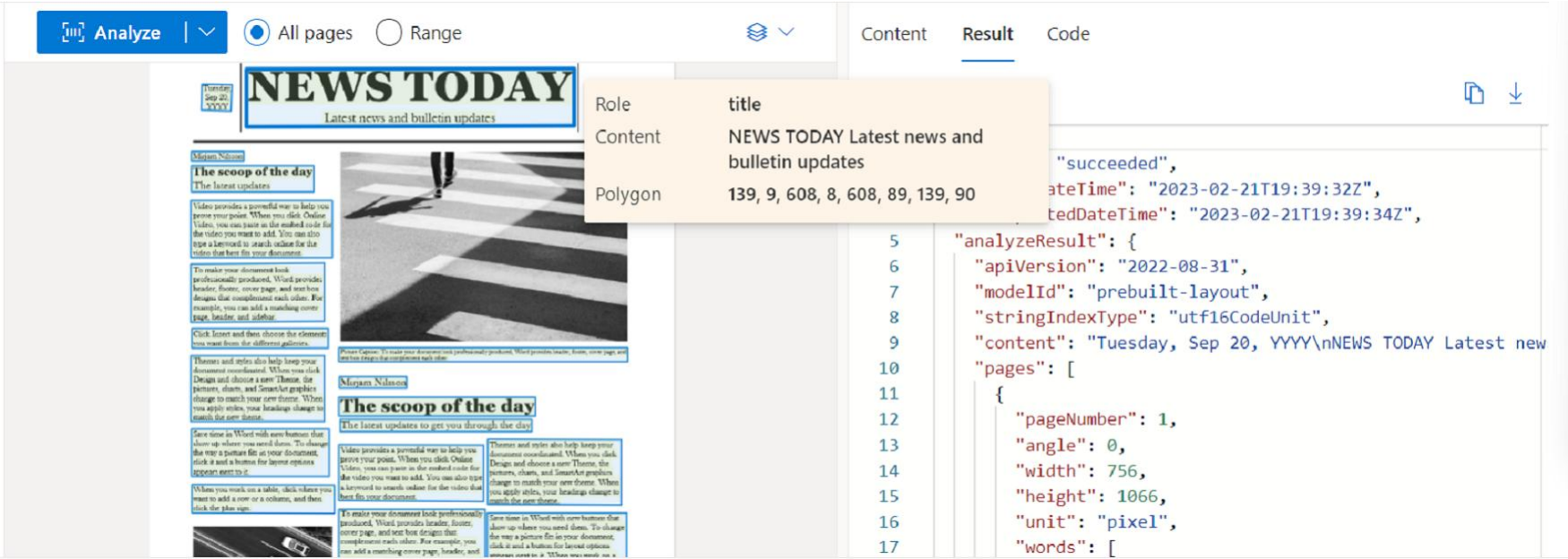
Apply machine learning models as custom skills for specific requirements like industry-specific regulations.

Azure Bot Services

Design interactive experiences that enable users to extract information from their data via bot interface.

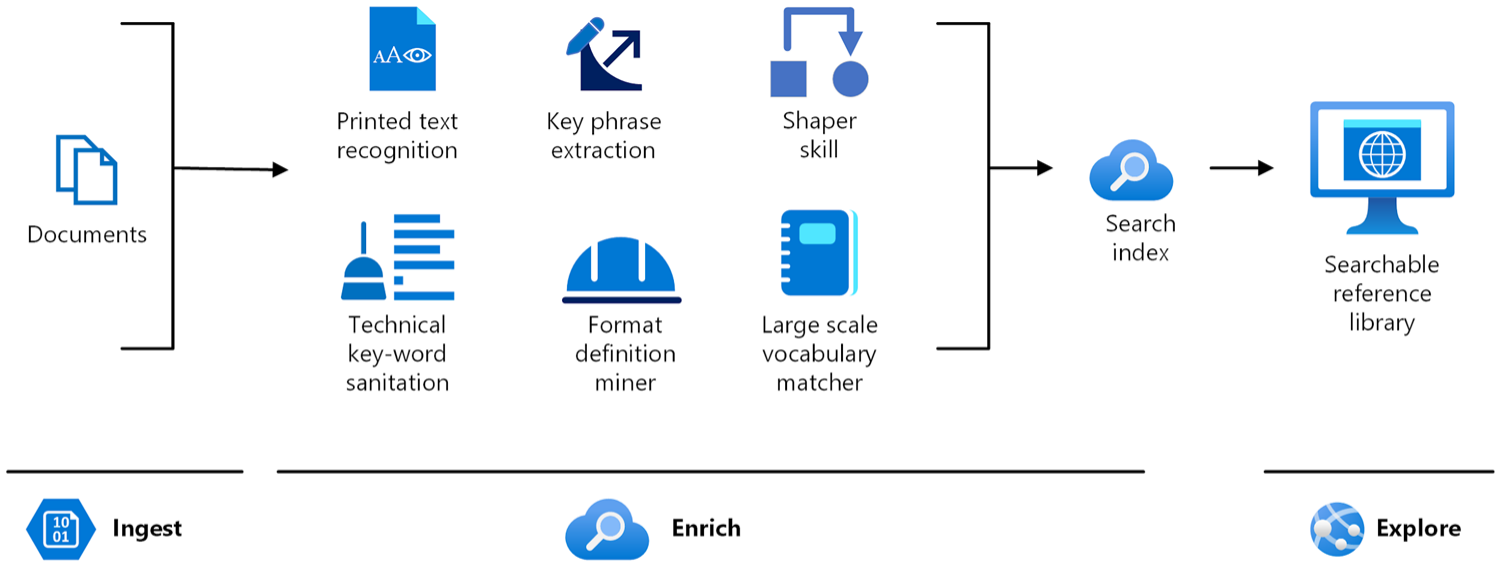
https://azure.microsoft.com/en-us/solutions/knowledge-mining

Azure AI Document Intelligence



https://learn.microsoft.com/en-us/azure/ai-services/document-intelligence/overview?view=doc-intel-4.0.0

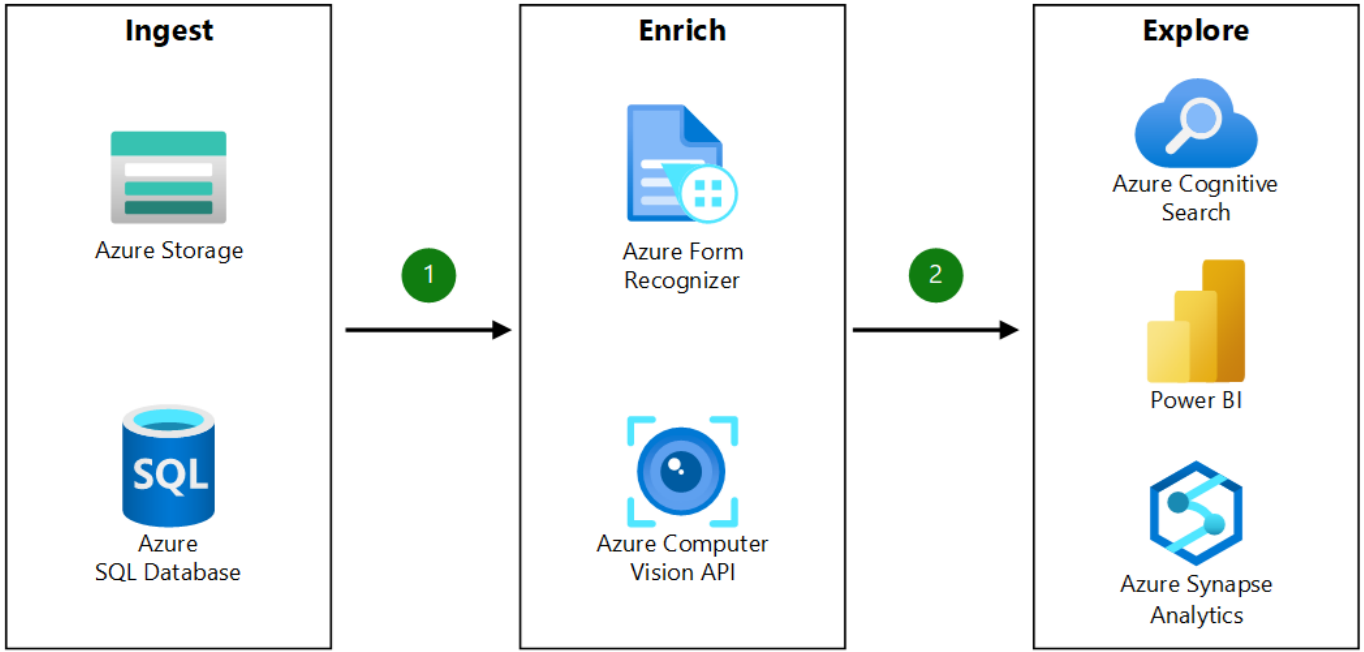
Knowledge Mining Workloads



Microsoft Azure

https://learn.microsoft.com/en-us/azure/architecture/solution-ideas/articles/content-research

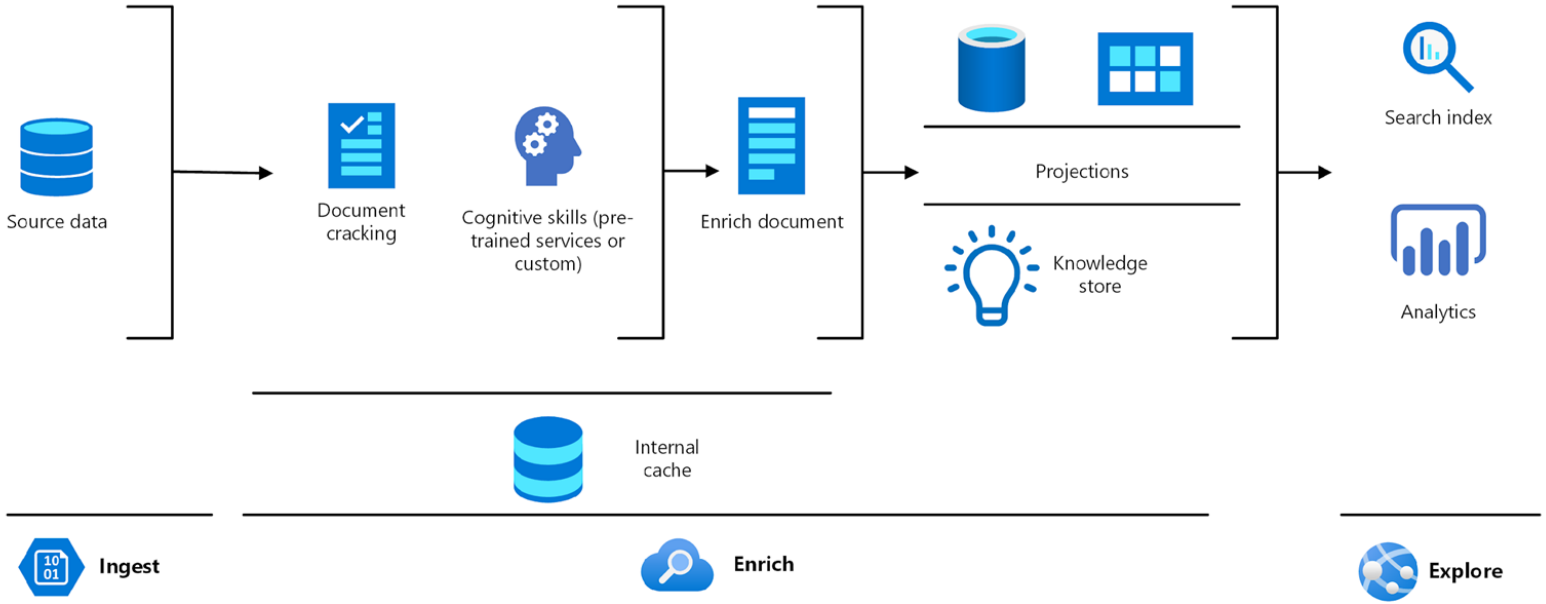
Knowledge Mining Workloads



Microsoft Azure

https://learn.microsoft.com/en-us/azure/architecture/solution-ideas/articles/business-process-management

Knowledge Mining Workloads



Microsoft Azure

https://learn.microsoft.com/en-us/azure/architecture/solution-ideas/articles/customer-feedback-and-analytics

Describe Fundamental Principles of Machine Learning on Azure (15-20%)

Poll #2 (40): I need to predict next summer's ice cream sales using past data. Which ML approach should I use?

- Clustering
- Classification
- Regression
- Deep Learning

Poll #3 (41): I need to detect humans in online surveillance footage. Which ML approach should I use?

- Classification
- Clustering
- Regression
- Neural Networks

Poll #4 (42): I need to put several images into cat and dog categories. Which ML approach should I use?

- Classification
- Clustering
- Regression
- Neural Networks

Describe Fundamental Principles of Machine Learning on Azure (20-25%)

- Identify common machine learning techniques
- Describe core machine learning concepts
- Describe Azure Machine Learning capabilities

Identify Common Machine Learning Techniques

- Identify regression machine learning scenarios [see 1 2 3 4 5 6]
- Identify classification machine learning scenarios [see 1 2]
- Identify clustering machine learning scenarios [see 1]
- Identify features of deep learning techniques [see 1 2]
- Identify features of the Transformer architecture [see 1]

Describe Core Machine Learning Concepts

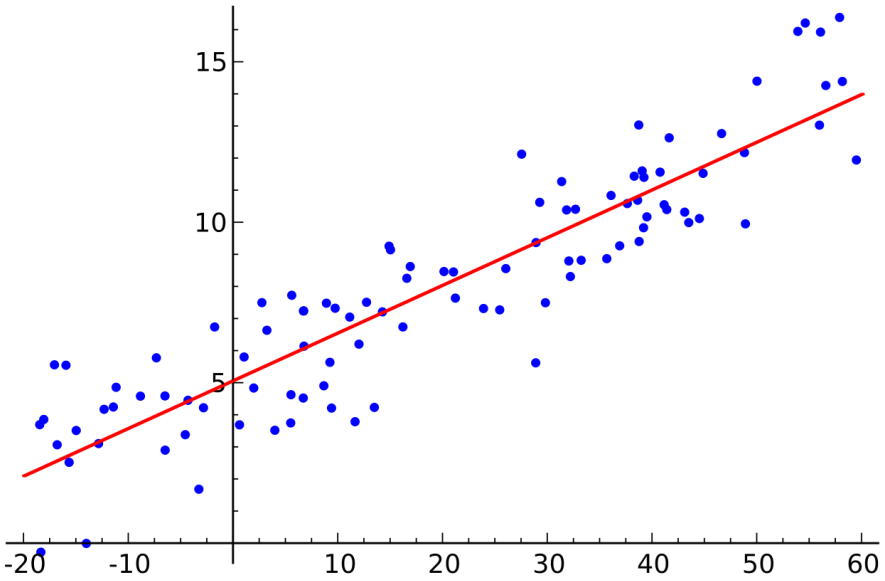
- Identify features and labels in a dataset for machine learning [see 1]
- Describe how training and validation datasets are used in machine learning [see 1 2]

Describe Azure Machine Learning Capabilities

- Describe capabilities of Automated machine learning [see 1 2 3]
- Describe data and compute services for data science and machine learning [see 1]
- Describe model management and deployment capabilities in Azure Machine Learning [see 1 2]

Regression Machine Learning

- Estimate missing data
- Estimate future data (prediction)



https://en.wikipedia.org/wiki/Regression_analysis

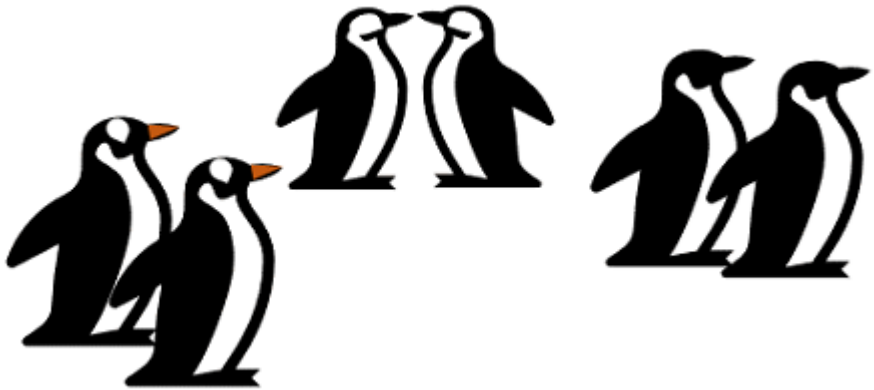
Classification Machine Learning

- Group images into categories

https://learn.microsoft.com/en-us/training/modules/create-classification-model-azure-machine-learning-designer/classification-scenarios

Clustering Machine Learning

- Grouping unlabeled examples

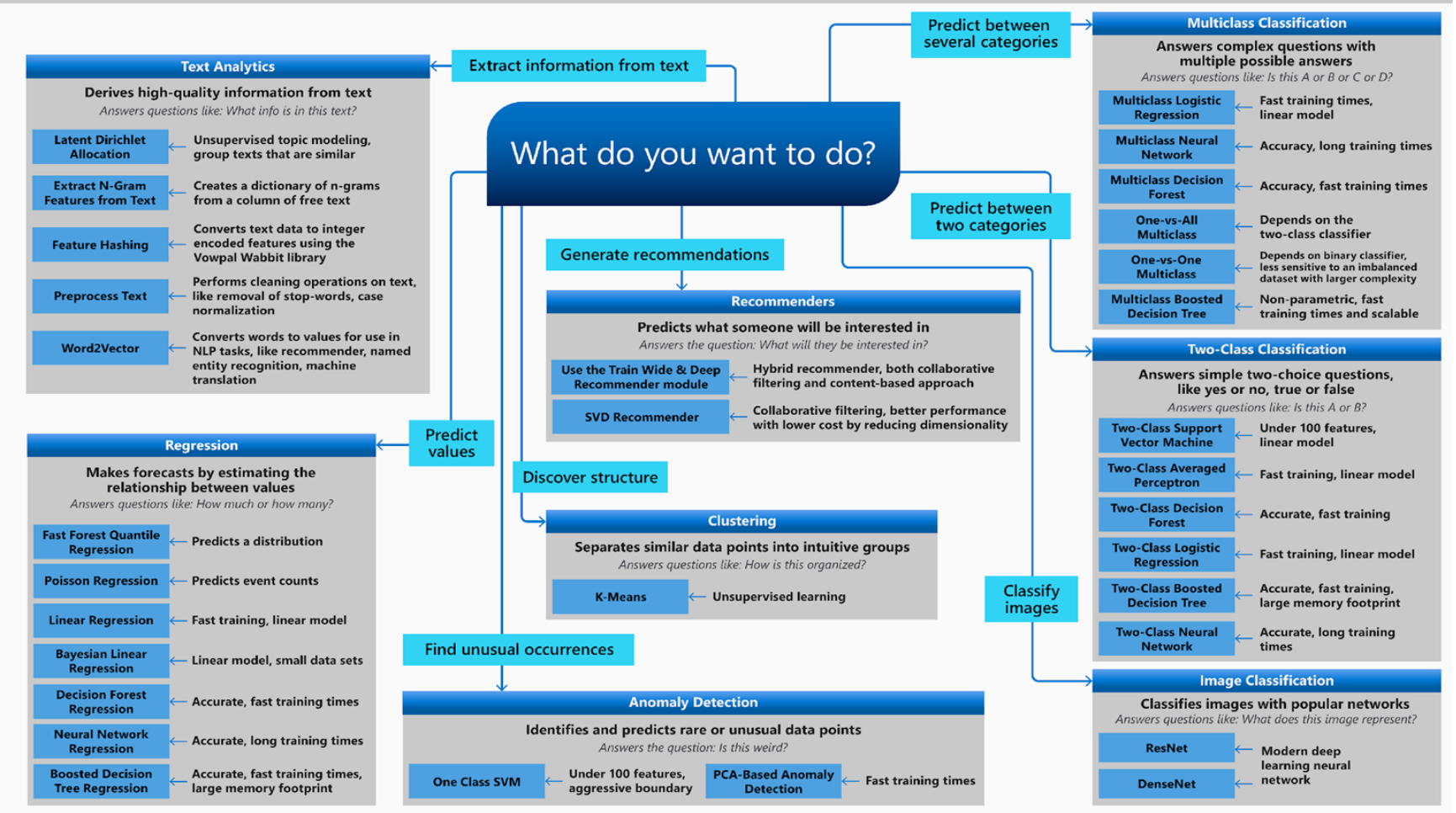


https://learn.microsoft.com/en-us/training/modules/create-clustering-model-azure-machine-learning-designer/2-clustering-scenarios

Machine Learning Algorithm Cheat Sheet

This cheat sheet helps you choose the best machine learning algorithm for your predictive analytics solution.
Your decision is driven by both the nature of your data and the goal you want to achieve with your data.

Microsoft Azure



 Share this poster: aka.ms/mlcheatsheet

Approach	Use Cases	Example Algorithms	Real-World Scenarios
Regression	Predicting a continuous outcome	Linear Regression, Ridge Regression, Lasso Regression	Sales forecasting, demand prediction, financial modeling
Classification	Assigning a label to input data	Logistic Regression, Decision Trees, Support Vector Machines	Email spam detection, sentiment analysis in customer feedback, image recognition in autonomous vehicles
Clustering	Grouping similar data points	K-Means, Hierarchical Clustering, DBSCAN	Customer segmentation for targeted marketing, anomaly detection in network security, organizing news articles into topics
Deep Learning	Complex hierarchical feature learning	Neural Networks, Convolutional Neural Networks (CNN), Recurrent Neural Networks (RNN)	Image and speech recognition, natural language processing, self-driving cars

https://learn.microsoft.com/en-us/azure/machine-learning/algorithm-cheat-sheet

Describe Features of Computer Vision Workloads on Azure (15–20%)

Poll #5 (53): How can I use Azure AI Vision APIs in my code?

- Export, and download the AI model
- Call the RestFul HTTP API
- Use Azure Machine Learning Studio

Poll #6 (54): Are Azure AI Vision models customizable?

- Yes
- No

Describe Features of Computer Vision Workloads on Azure (15–20%)

- Identify common types of computer vision solutions
- Identify Azure tools and services for computer vision tasks

Identify Common Types of Computer Vision Solutions

- Identify features of image classification solutions [see 1 2]
- Identify features of object detection solutions [see 1 2]
- Identify features of optical character recognition solutions [see 1 2]
- Identify features of facial detection and facial analysis solutions [see 1 2 3]

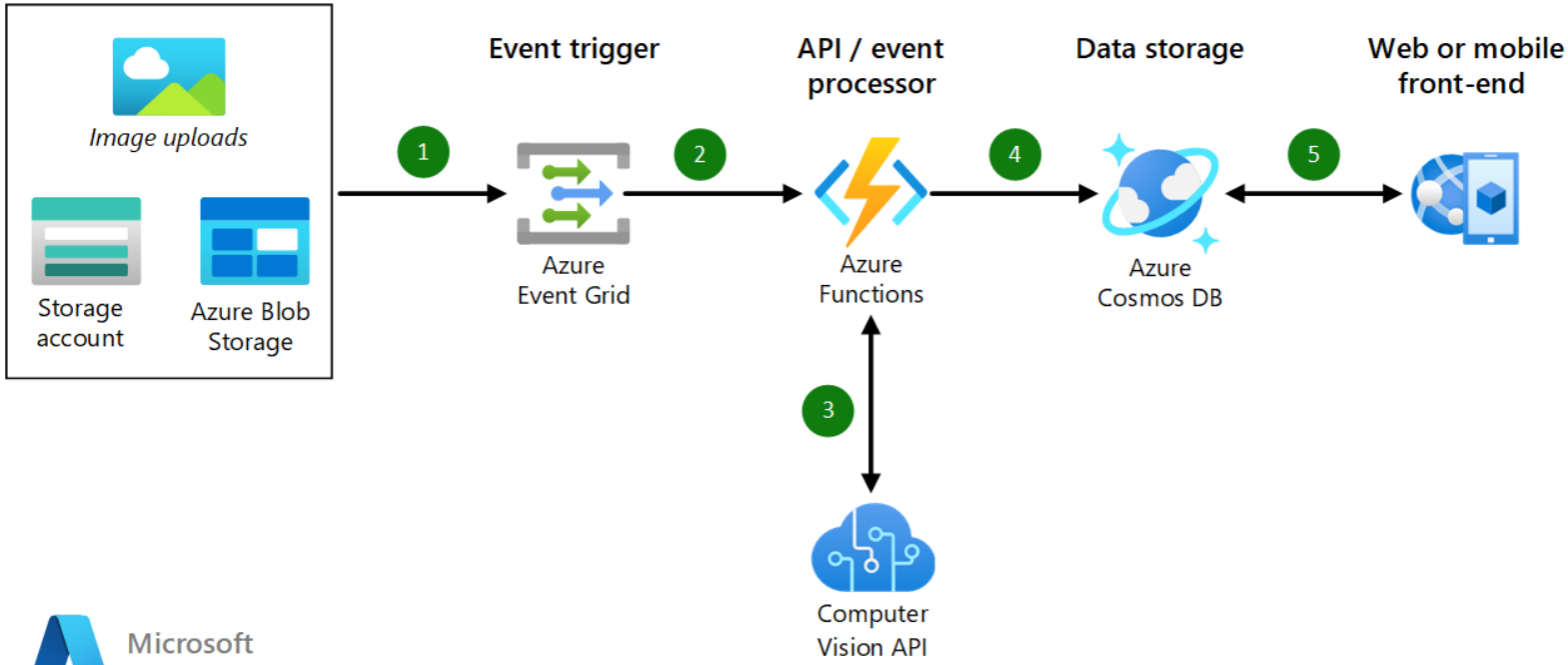
Identify Azure Tools and Services for Computer Vision Tasks

- Describe capabilities of the Azure AI Vision service [see 1 2]
- Describe capabilities of the Azure AI Face detection service [see 1 2]

Computer Vision Workloads

https://learn.microsoft.com/en-us/azure/cognitive-services/computer-vision/overview

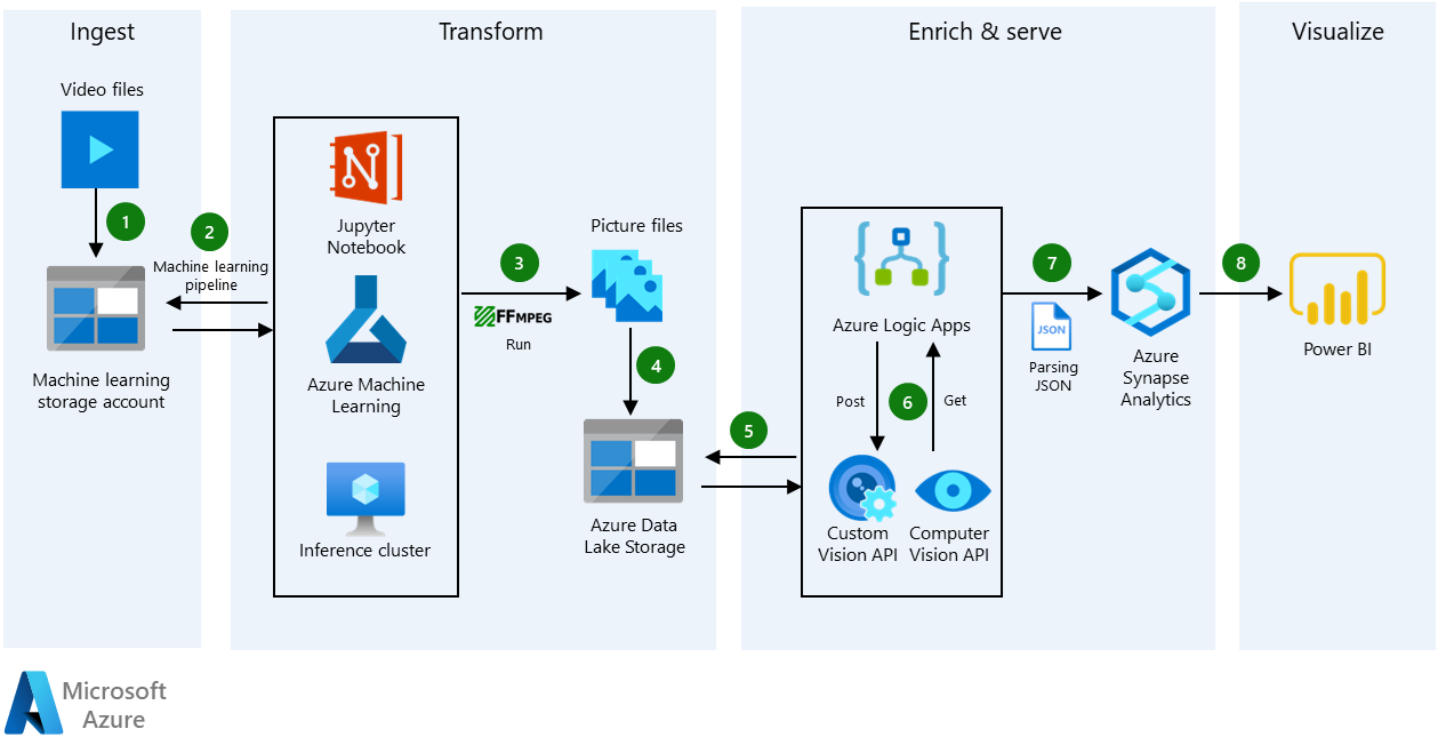
Computer Vision Workloads



Microsoft Azure

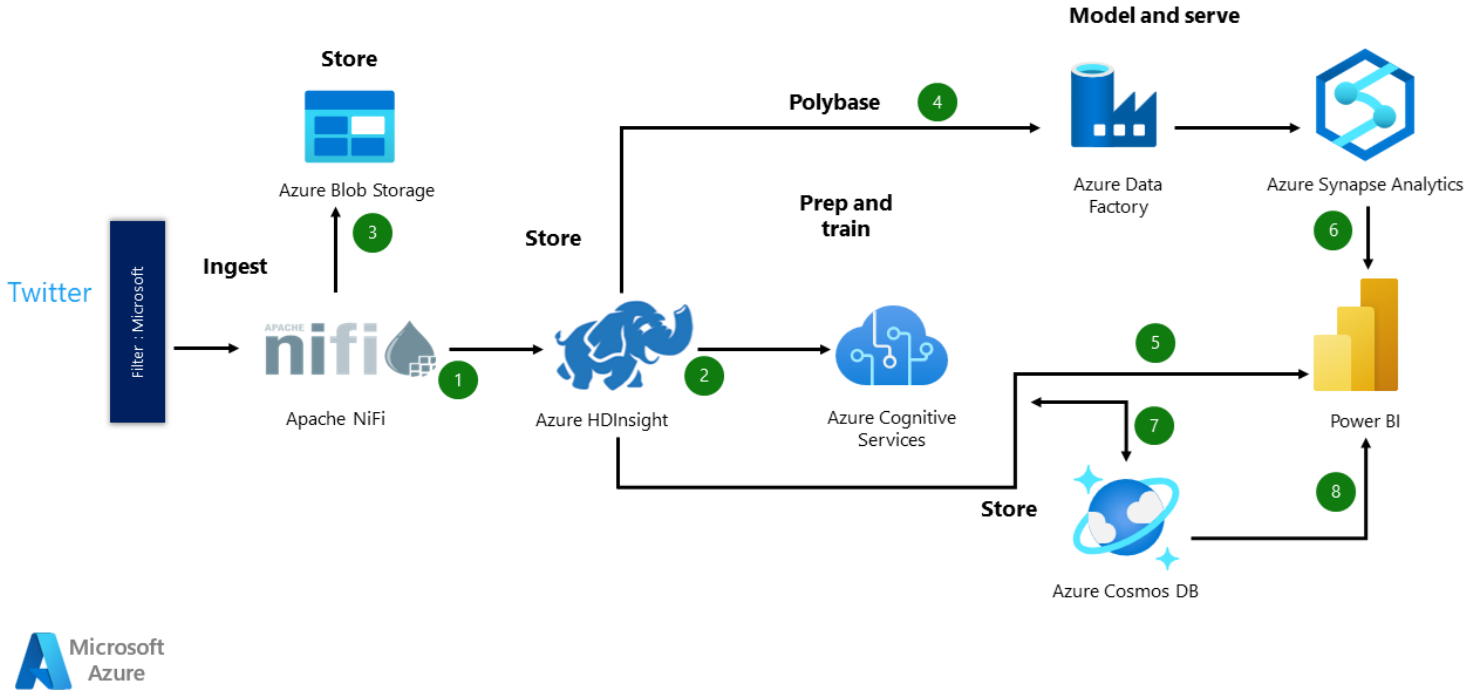
https://learn.microsoft.com/en-us/azure/architecture/example-scenario/ai/intelligent-apps-image-processing

Computer Vision Workloads



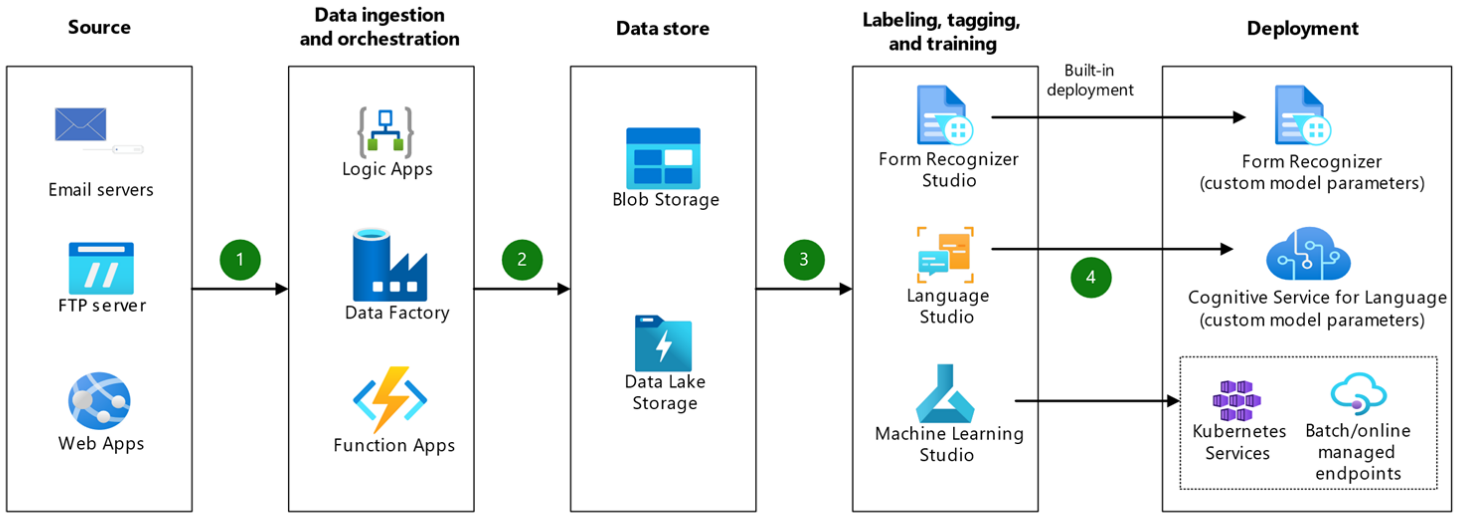
https://learn.microsoft.com/en-us/azure/architecture/example-scenario/ai/analyze-video-computer-vision-machine-learning

Computer Vision Workloads



https://learn.microsoft.com/en-us/azure/architecture/example-scenario/ai/nifi-sentiment-analysis-face-recognition

Computer Vision Workloads



Microsoft Azure

https://learn.microsoft.com/en-us/azure/architecture/example-scenario/document-processing/build-deploy-custom-models

Describe Features of Natural Language Processing (NLP) Workloads on Azure (15-20%)

Poll #7 (64): I need sentiment analysis for my product reviews. Which Azure service provides the easiest solution?

- Azure Machine Learning
- Azure AI Language
- Azure AL Speech
- Azure Open AI

Describe Features of Natural Language Processing (NLP) Workloads on Azure (15-20%)

- Identify features of common NLP workload scenarios
- Identify Azure tools and services for NLP workloads

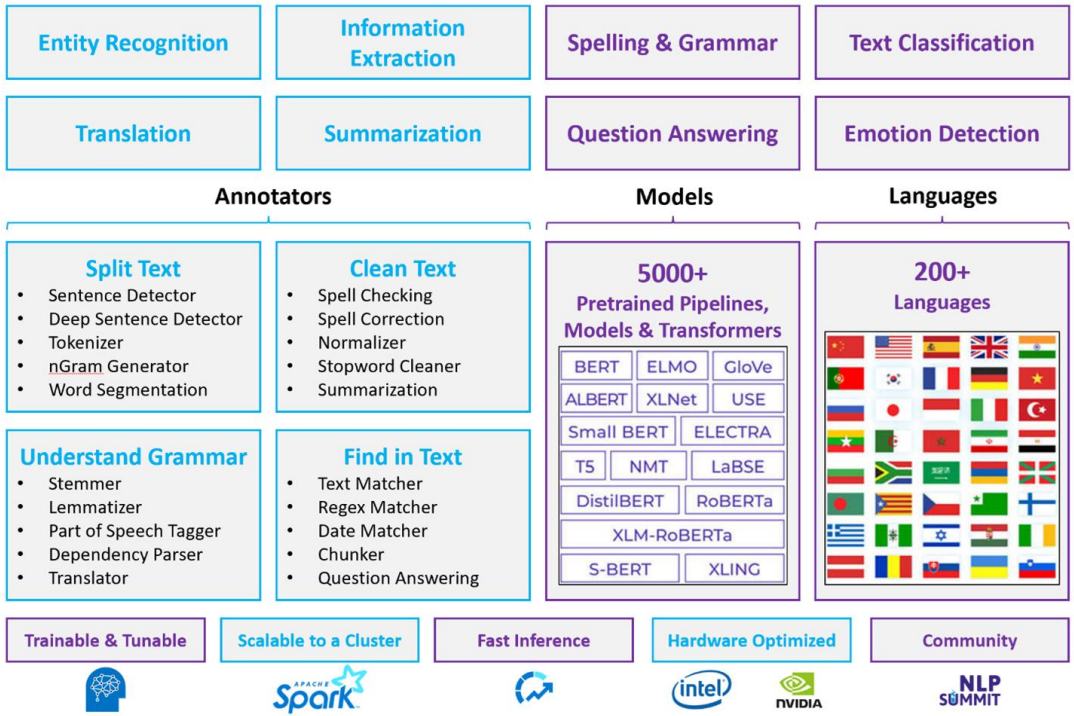
Identify Features of Common NLP Workload Scenarios

- Identify features and uses for key phrase extraction [see 1 2]
- Identify features and uses for entity recognition [see 1]
- Identify features and uses for sentiment analysis [see 1]
- Identify features and uses for language modeling [see 1 2]
- Identify features and uses for speech recognition and synthesis [see 1 2]
- Identify features and uses for translation [see 1 2]

Identify Azure Tools and Services for NLP Workloads

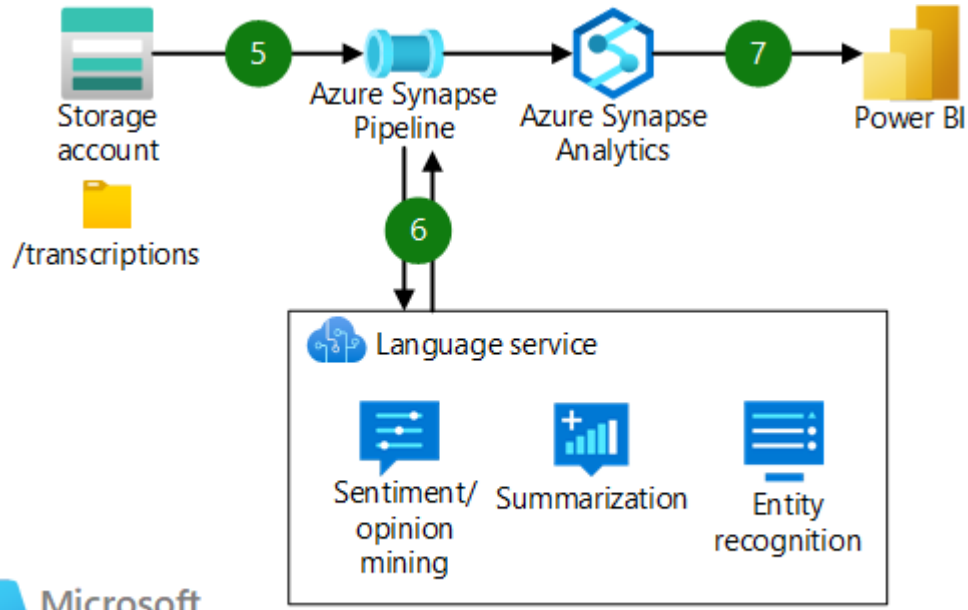
- Describe capabilities of the Azure AI Language service [see 1]
- Describe capabilities of the Azure AI Speech service [see 1]

Natural Language Processing Workloads



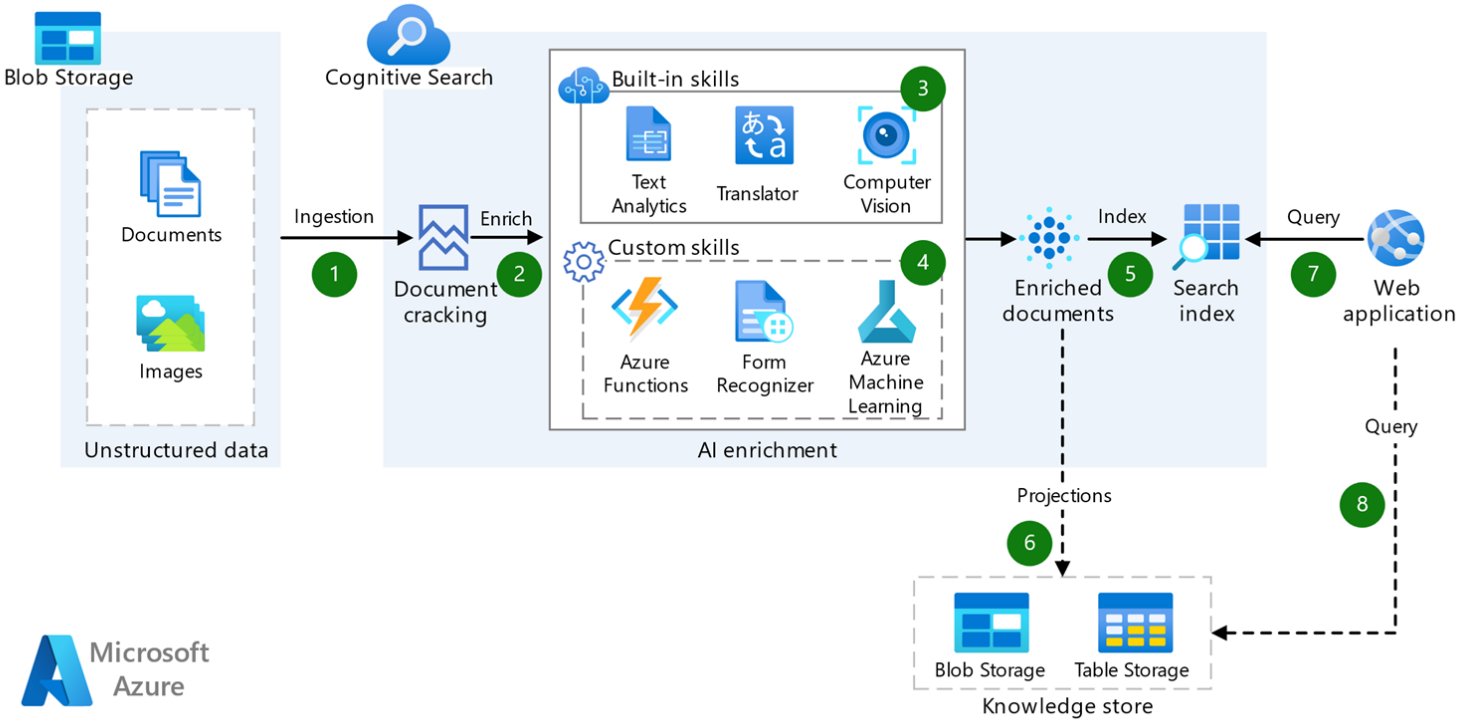
https://learn.microsoft.com/en-us/azure/architecture/data-guide/technology-choices/natural-language-processing

Natural Language Processing Workloads



https://learn.microsoft.com/en-us/azure/architecture/example-scenario/ai/speech-to-text-transcription-analytics

Natural Language Processing Workloads



https://learn.microsoft.com/en-us/azure/architecture/solution-ideas/articles/cognitive-search-with-skillsets

Describe features of generative AI workloads on Azure (20–25%)

Poll #8 (72): I need to generate human-like text responses for a chatbot in my customer support application. Which Azure service should I use?

- Azure Machine Learning
- Azure Cognitive Search
- Azure Bot Services
- Azure OpenAI Service

Describe features of generative AI workloads on Azure (15–20%)

- Identify features of generative AI solutions [see 1]
- Identify generative AI services and capabilities in Microsoft Azure [see 1]

Identify Features of Generative AI Solutions

- Identify features of generative AI models [see 1]
- Identify common scenarios for generative AI [see 1 2]
- Identify responsible AI considerations for generative AI [see 1]

Identify generative AI services and capabilities in Microsoft Azure

- Describe features and capabilities of Azure AI Foundry [see 1]
- Describe code generation capabilities of Azure OpenAI Service [see 1]
- Describe features and capabilities of Azure AI Foundry model catalog [see 1]

Azure OpenAI Service

- Prompts & completions
- Tokens
- Prompt engineering
- Azure AI Foundry

Feature	Azure OpenAI
Models available	o3-mini & o1 - (Limited Access - Request Access) o1-mini **GPT-4o & GPT-4o mini** **GPT-4 series (including GPT-4 Turbo with Vision)** **GPT-3.5-Turbo series** Embeddings series Learn more in our Models page.
Fine-tuning	`GPT-4o-mini` (preview) `GPT-4` (preview) `GPT-3.5-Turbo` (0613).
Price	Available here For details on vision-enabled chat models, see the special pricing information.
Virtual network support & private link support	Yes.
Managed Identity	Yes, via Microsoft Entra ID
UI experience	Azure portal for account & resource management, Azure AI Foundry for model exploration and fine-tuning
Model regional availability	Model availability
Content filtering	Prompts and completions are evaluated against our content policy with automated systems. High severity content is filtered.

The Exam

AI-900 Exam FAQ

- Number of Questions: between 40 and 60
- Duration: 120 minutes
- Questions
  - See the exam sandbox
- There are no hands-on labs
- Pass Score: 700 (on a scale of 1-1000)

AI-900

- Exam AI-900
- Skills measured
- Exam Sandbox

Schedule exam

Exam AI-900: Microsoft Azure AI Fundamentals

United States

Languages: English, Japanese, Chinese (Simplified), Korean, German, French, Spanish, Portuguese (Brazil), Russian, Indonesian (Indonesia), Arabic (Saudi Arabia), Chinese (Traditional), Italian
Retirement date: none

Prove that you can describe the following: AI workloads and considerations; fundamental principles of machine learning on Azure; features of computer vision workloads on Azure; and features of Natural Language Processing (NLP) workloads on Azure.

$99 USD*

Price based on the country or region in which the exam is proctored.

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For students or instructors

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Select exam options

AZ-104: Microsoft Azure Administrator

Where do you want to take your exam?

At a test center

OnVUE Online at my home or office

I have a Private Access Code

It’s time to test your system

Order #: 0064-8802-7606

Your appointment is confirmed! An order confirmation containing important exam day information has been sent to: zaalion@gmail.com

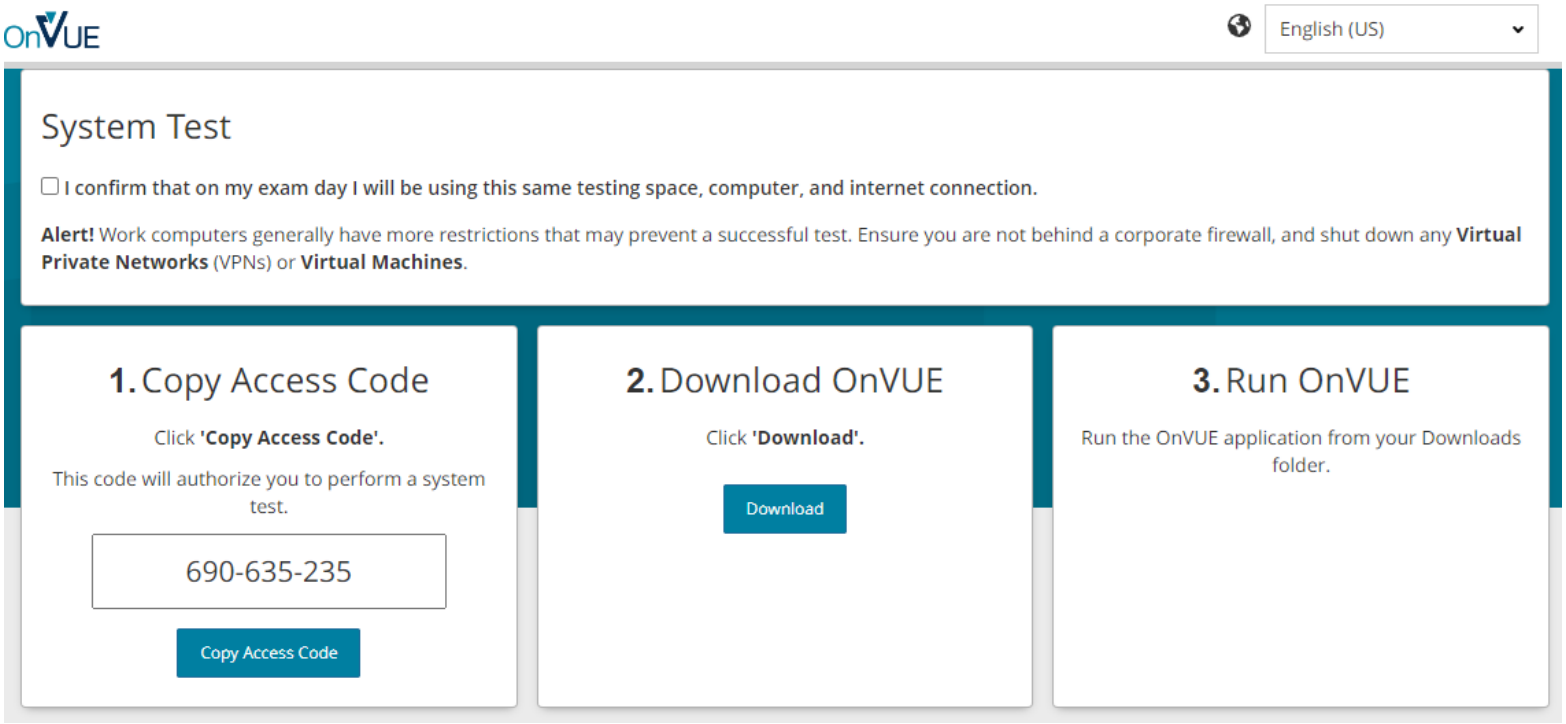
What's next?

Run a system test

We need to verify that the computer and internet connection you plan to use on exam day meet the minimum requirements for online testing. It’ll just take 5 minutes to run:

- Equipment and internet connection checks
- Exam simulation

Description	Details	Order Information	Price
[redacted]			165.00


OnVUE
English (US)
System Test
I confirm that on my exam day I will be using this same testing space, computer, and internet connection.
Alert! Work computers generally have more restrictions that may prevent a successful test. Ensure you are not behind a corporate firewall, and shut down any Virtual Private Networks (VPNs) or Virtual Machines.
1. Copy Access Code
Click 'Copy Access Code'.
This code will authorize you to perform a system test.
690-635-235
Copy Access Code
2. Download OnVUE
Click 'Download'.
Download
3. Run OnVUE
Run the OnVUE application from your Downloads folder.

Course Repository

https://github.com/zaalion/oreilly-ai-900

Microsoft Azure Fundamentals (AZ-900) Certification Course, 2nd Edition

Continue

4h 55m remaining

With your instructor

Reza Salehi

+ Add to playlist

Associated roles

Cloud native engineer | Cloud solutions architect | Cybersecurity engineer | Database administrator

+1 more

Skills covered

AZ-900: Microsoft Azure Fundamentals

AZ-303: Microsoft Azure Architect...

AZ-500: Microsoft Azure Security...

AI-900: Microsoft Azure AI Fundamentals

Includes quizzes

Test your knowledge during the course and with a final quiz.

October 2024

O'Reilly Media, Inc.

Learning Outcomes

- Gain knowledge of Azure cloud concepts and services
- Explore Azure services in greater depth
- Get ready for Exam AZ-900: Microsoft Azure Fundamentals
- Comfortably work with the Azure portal

The Microsoft Azure Fundamentals (AZ-900) exam is one of the most popular certifications for those who are just beginning to work with cloud-based solutions and services or who are new to Azure. The exam certifies knowledge of cloud concepts, Azure services, workloads, security and privacy, and pricing and support.

In this self-paced course, Reza Salehi will help you get familiar with Microsoft Azure's cloud services and begin your Azure certification journey. This course is aligned to the AZ-900 exam objective domains and has recently been updated to reflect the most current version of the exam (2024). It covers all the services and concepts in the Azure ecosystem you need to know in order to prepare for the test.

What you'll learn and how to apply it

By the end of this certification course, you will understand the following:

- General cloud concepts
- Core Azure services
- Core solutions and management tools on Azure
- General security and network security features
- Identity, governance, privacy, and compliance features
- Azure cost management and service-level agreements

Azure Cookbook

https://learning.oreilly.com/library/view/azure-cookbook/9781098135782/

https://www.amazon.ca/Azure-Cookbook-Recipes-Maintain-Solutions/dp/1098135792/

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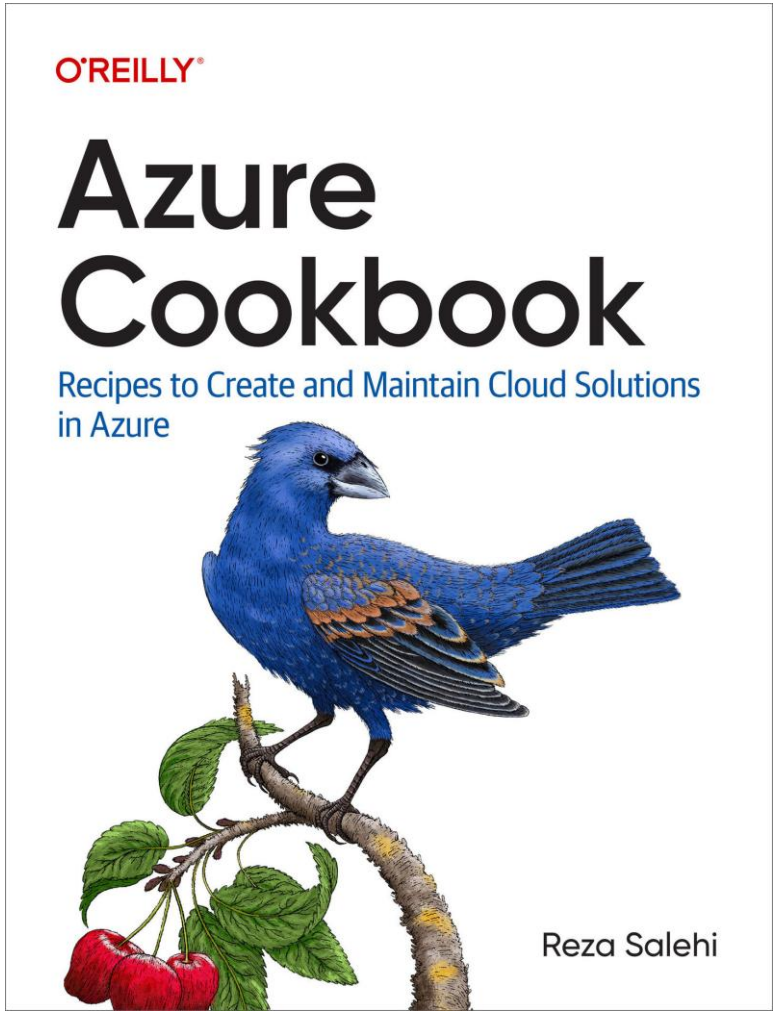

Thank you!

Reza Salehi

RezaTheCloudGuy@gmail.com
linkedin.com/in/rezasalehi2008