AI Workshop Notes

# 1. Introduction

Overview of storing data and using AI services.  
Interfaces to store data:  
- GUI (Graphical User Interface)  
- CLI (Command Line Interface)  
  
Terminology:  
- Service: Not yet used  
- Resource: Service after it is deployed  
- Subscription: A type of service in Azure

# 2. Deploying a Static Website

## 2.1 Storage Account

- Browse for a Storage Account in Azure  
- Create a storage account under a subscription

## 2.2 Steps to Create Storage Account

### Basic Settings

1. Subscription: Confirm your Microsoft subscription  
2. Resource Group: Groups resources for centralized management; name it based on topic  
3. Instance Details:  
- Account Name: Unique, lowercase  
- Region: Central India  
- Performance: Standard (choose Standard)  
- Redundancy Options:  
 - LRS: Local Redundant Storage (within one zone)  
 - ZRS: Zone Redundant Storage (across multiple zones in one region)  
 - GRS: Geo-Redundant Storage (backup purpose)  
 - GZRS: Geo + Zone Redundant Storage  
- For this exercise, choose LRS

### Advanced Settings

- No changes needed  
- Disable data protection

### 2.3 Deployment

- Click Create → installation starts  
- After deployment:  
 - Go to Data Management → Static Website  
 - Enable it and set index document (e.g., index.html)  
 - If error 405 occurs, save it  
- Your storage account is now ready for managing static data

### 2.4 Uploading Website Files

- Go to Data Storage → Containers → Web  
- Upload your files and override existing ones if needed  
- Check the website URL under Static Website → Primary Endpoint

# 3. Data Storage Options in Azure

|  |  |
| --- | --- |
| Storage Type | Description |
| Tables | Stores structured data |
| Containers | Stores unstructured or semi-structured data |
| File Shares | Similar to Google Drive, for sharing files |
| Queues | Stores imported messages |

# 4. AI Services

## 4.1 Services Used

- Q&A Maker / Language Service  
- Chatbot Service

## 4.2 Uploading Questions & Answers in Language Studio

1. Go to Language Service → +Create → Custom Question Answering  
2. Fill in the basic settings (subscription, resource group, region, pricing tier)  
3. Open Language Studio → Custom Question Answering → Add Source  
4. Upload files from your computer (e.g., CSV, TXT)  
5. Test Q&A responses and make edits if necessary

# 5. Command Interfaces

- GUI: Graphical Interface  
- CLI: Command Line Interface  
- Notes: Service is before using, Resource is after using