# Week 0 Materials - 10 Academy

Welcome to Week 0 (Assessment Week) of your training at 10 Academy! Access the materials for each session through the following links:

## Day 1 - Monday

#### Morning Session: Introduction to the Challenge [here](https://docs.google.com/document/d/1vcLjDpZrZz2-PIEhFFedclE87tuCVNWu-VNurOaCgz4/edit?usp=sharing)

#### Afternoon Session: Python Environment Setup - [here](https://10accaw0.slack.com/files/U06805JDAAU/F0677LFS1BQ/1python_environment_setup.pdf), Git and Github, CI/CD - [here](https://10accaw0.slack.com/files/U06805JDAAU/F06839FRYGY/2how_to_use_git___github.pdf) & Project Planning & EDA - Data Science Workflow using CRISP-DM and EDA techniques - [here](https://10accaw0.slack.com/files/U06805JDAAU/F066ZPMH6GP/3eda.pdf)

## Day 2 - Tuesday

#### Morning Session: Data Science Component Building (Architecture Designs, Wireframing, logic flow)

(Link to materials will be added)

#### Afternoon Session: Topic Modeling, Sentiment Analysis, Time Series Analysis & ML Engineering components

(Link to materials will be added)

## Day 3 - Wednesday

#### Morning Session: Working with SQL and NOSQL

(Link to materials will be added)

#### Afternoon Session: Database schema design

(Link to materials will be added)

## Day 4 - Thursday

#### Morning Session: Building Dashboards using Streamlit

(Link to materials will be added)

#### Afternoon Session: Introduction to Fullstack programming using React and Python

(Link to materials will be added)

## Day 5 - Friday

#### Morning Session: Introduction to Cloud Computing and terminologies & Introduction to Terraform

(Link to materials will be added)

#### Afternoon Session: Introduction to Kubernetes, Serverless, and distributed docker-based deployment

(Link to materials will be added)

**For any questions or support, reach out on Slack or via email** [**rodas@10academy.org**](mailto:rodas@10academy.org)**.**