

## **1. Addressing Business Issues with Data Science**

- Topic A- Initiate a Data Science Project  
Topic B- Formulate a Data Science Problem
- 

## **2. Extracting, Transforming, and Loading Data**

- Topic A- Extract Data  
Topic B- Transform Data  
Topic C- Load Data
- 

## **3. Analyzing Data**

- Topic A- Examine Data  
Topic B- Explore the Underlying Distribution of Data  
Topic C- Use Visualizations to Analyze Data  
Topic D- Preprocess Data
- 

## **4. Designing a Machine Learning Approach**

- Topic A- Identify Machine Learning Concepts  
Topic B- Test a Hypothesis
- 

## **5. Developing Classification Models**

- Topic A- Train and Tune Classification Models  
Topic B- Evaluate Classification Models
- 

## **6. Developing Regression Models**

- Topic A- Train and Tune Regression Models  
Topic B- Evaluate Regression Models
-

## **7. Developing Clustering Models**

- Topic A- Train and Tune Clustering Models  
Topic B- Evaluate Clustering Models
- 

## **8. Finalizing a Data Science Project**

- Topic A- Communicate Results to Stakeholders  
Topic B- Demonstrate Models in a Web App  
Topic C- Implement and Test Production Pipelines