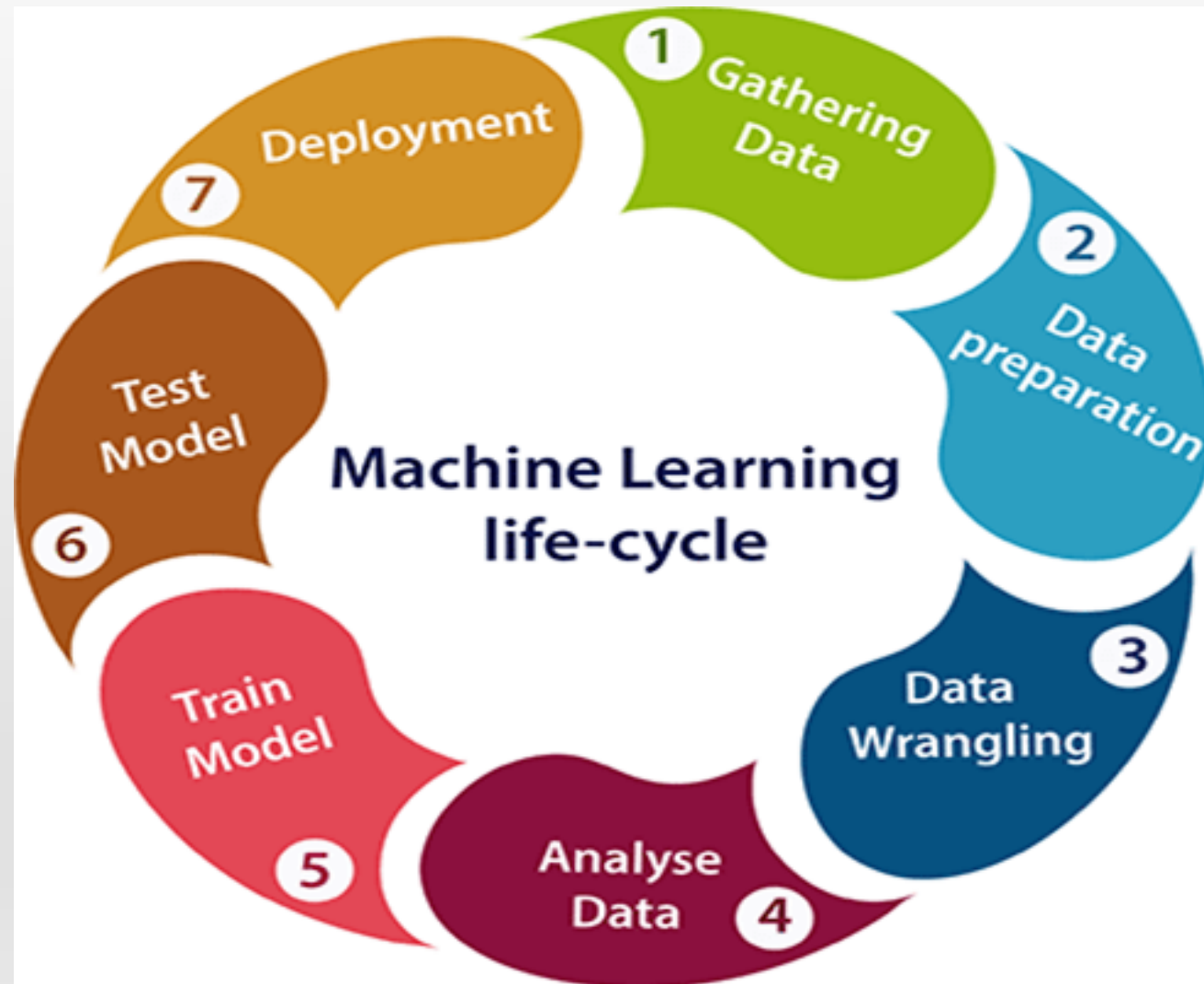


Machine Learning Life Cycle



1. Gathering Data

- Identify various data sources
- Collect data
- Integrate the data obtained from different sources

2. Data Preparation

- **Data exploration**
- **Data pre-processing**

3. Data Wrangling

- **Missing Values**
- **Duplicate data**
- **Invalid data**
- **Noise**

4. Data Analysis

- **Selection of analytical techniques**
- **Building models**
- **Review the result**

Where we select the machine learning techniques such as **Classification, Regression, Cluster analysis, Association**, etc

5. Train Model



6. Test Model

Testing the model determines the percentage accuracy of the model as per the requirement of project or problem.

7. Deployment

The deployment phase is similar to making the final report for a project.