# **EDA and Data Preparation – A Practical Approach**

1. **Outlier Treatment**
   1. Not Applicable
   2. Convert to Missing Values
      1. Apply Missing Value Treatment
   3. Delete
   4. Cap
2. **Missing Value Treatment**
   1. Simple Imputer
   2. KNN Imputer
   3. Iterative Imputer
3. **Feature Selection** 
   1. Variance Threshold
   2. Variance Inflation Factor
   3. Recursive Feature Elimination
   4. Select K Best
   5. Select From Model
   6. Sequential Feature Selection
4. **Feature Scaling**
   1. Standard Scaler
   2. Min Max Scaler
   3. Robust Scaler
5. **Feature Encoding** 
   1. Label Encoding
   2. One Hot Encoding
   3. Ordinal Encoding
   4. Custom Encoding
   5. Target Encoding