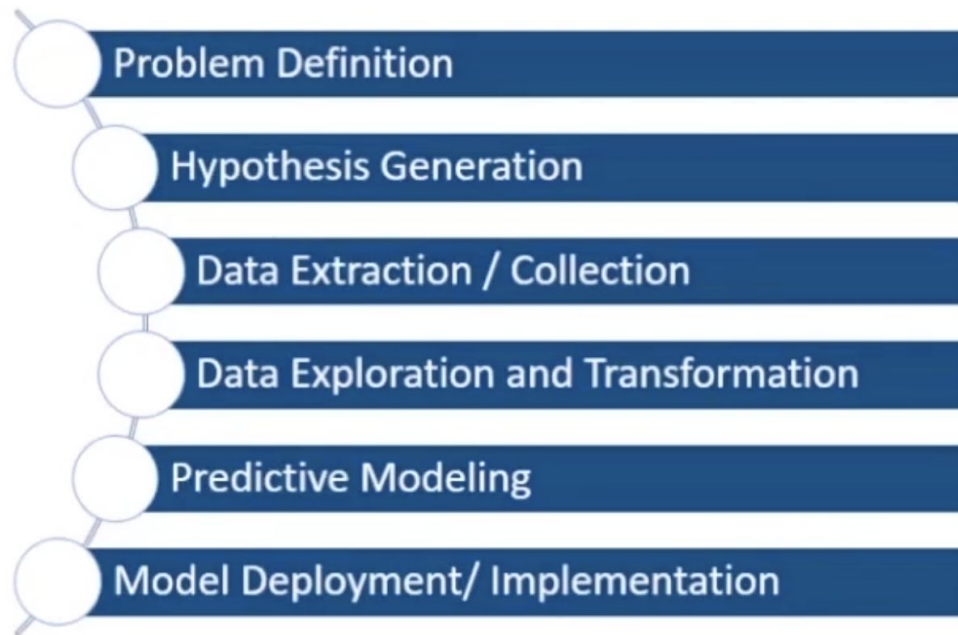
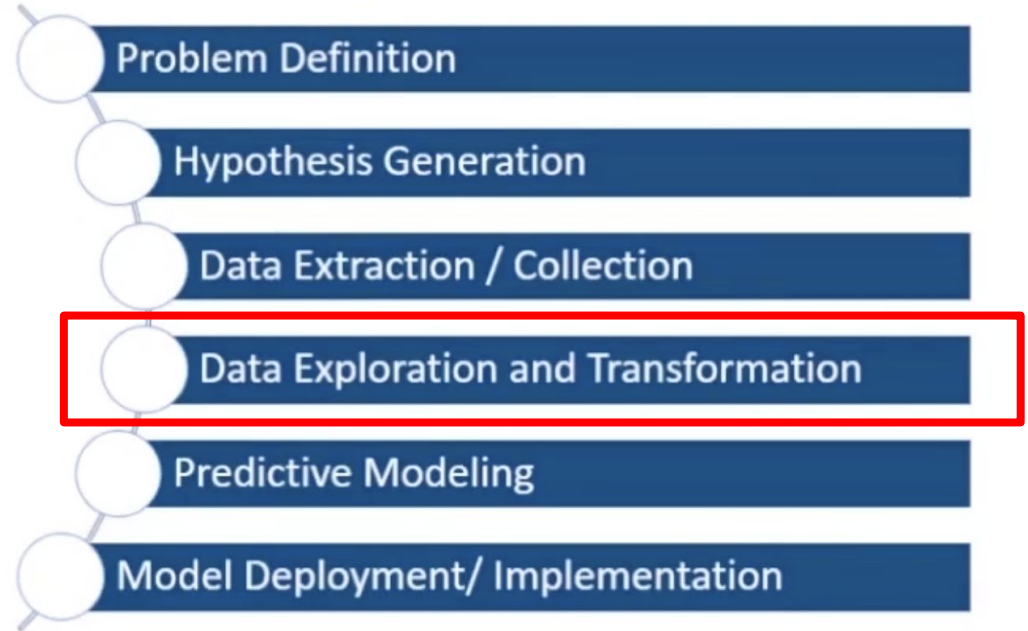


# Introduction to Exploratory Data Analysis

# Machine Learning Pipeline



# Machine Learning Pipeline



# Why do we need EDA?

# Why do we need EDA?



# Why do we need EDA?



- Variable Identification

**EDA**

# Why do we need EDA?



- Variable Identification
- Behaviour of Variables

**EDA**

# Why do we need EDA?



- Variable Identification
- Behaviour of Variables
- Relationship b/w Variables

**EDA**



# Why do we need EDA?



# Why do we need EDA?



- All data present?

# Why do we need EDA?



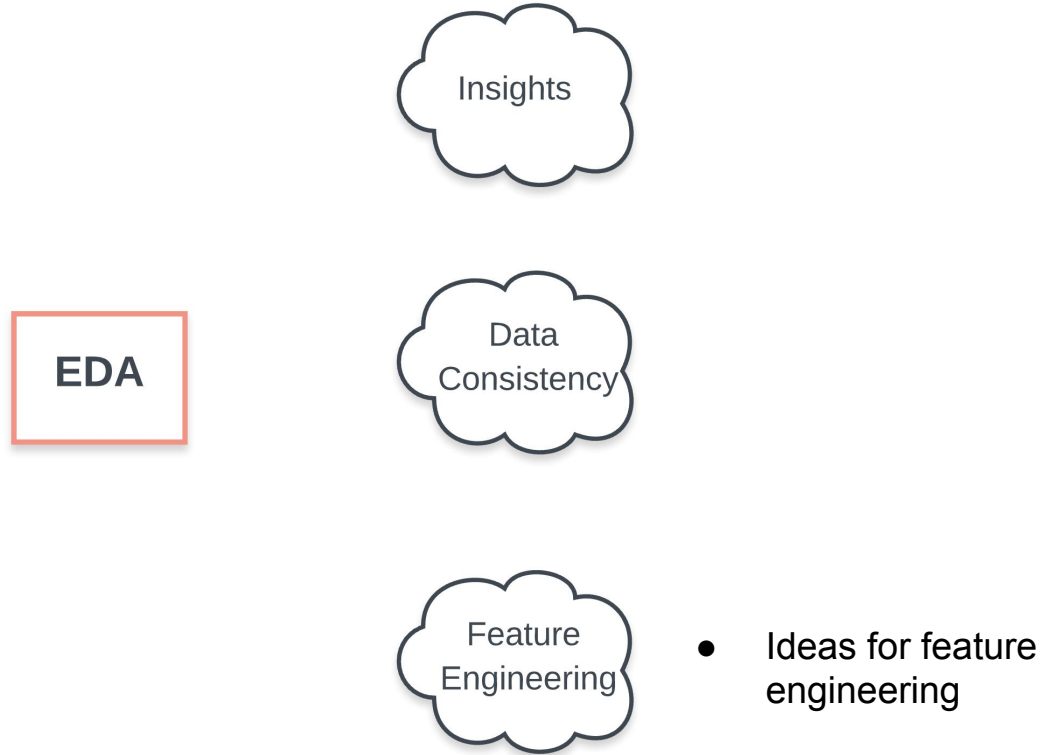
- All data present?
- Any missing values?

# Why do we need EDA?

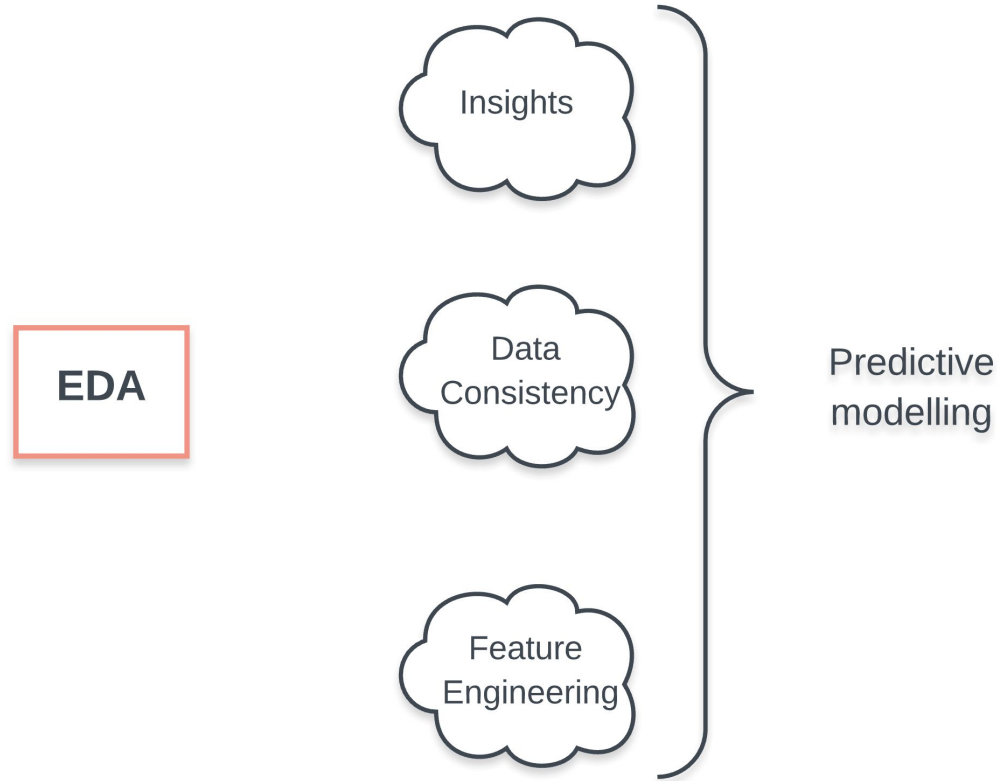


- All data present?
- Any missing values?
- Any outliers?

# Why do we need EDA?



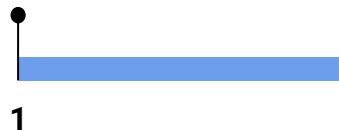
# Why do we need EDA?



# Steps in EDA

# Steps in EDA

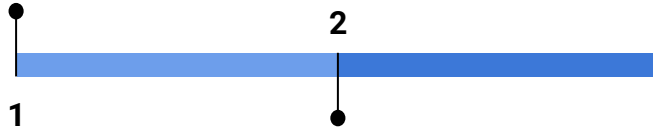
Variable  
Identification





# Steps in EDA

Variable  
Identification



Univariate  
Analysis

# Steps in EDA

Variable  
Identification

1

2

Univariate  
Analysis

Bivariate  
Analysis

3

# Steps in EDA

Variable  
Identification

1

2

Univariate  
Analysis

Bivariate  
Analysis

3

4

Missing  
Value Treatment

# Steps in EDA

Variable  
Identification

1

2

Univariate  
Analysis

Bivariate  
Analysis

3

4

Missing  
Value Treatment

Outlier  
Removal

5

Thank You!