

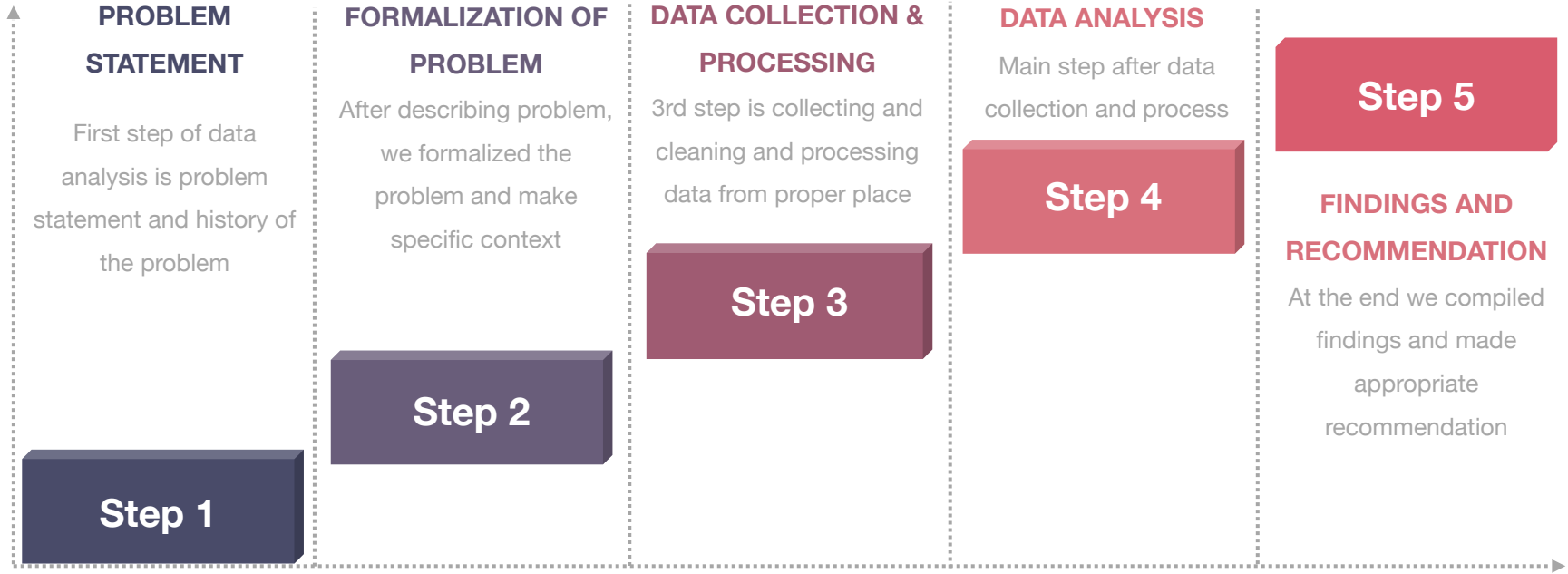


# ANALYSIS

2016 UPPER PRIMARY  
RECRUITMENT BY WBCSSC

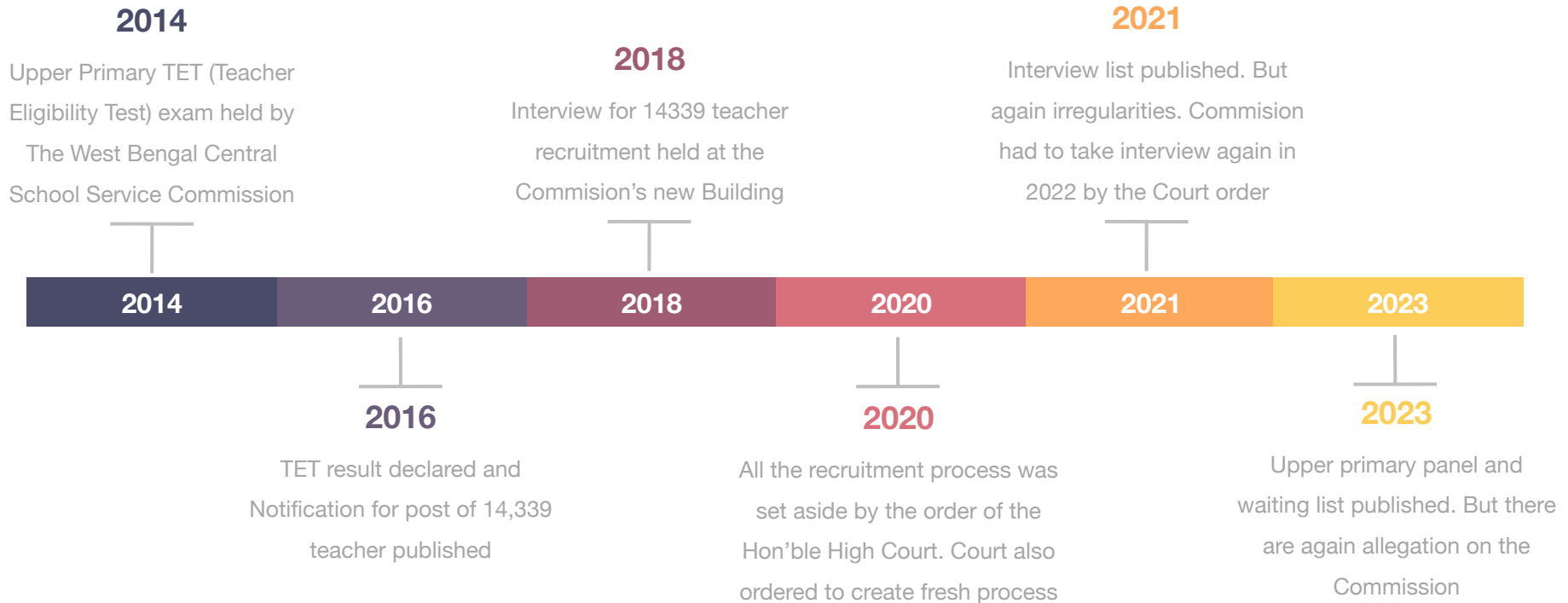
# DATA ANALYZING PROCESS

Data analyzing workflow will process with 5 steps



# 1. PROBLEM STATEMENT

## HISTORY OF THE PROBLEM



# STATEMENT

There are mainly 4 type of allegation against the panel and WL.  
Some candidate were aggrieved for that.



## TET SCORE CHANGED

There is allegation against the commission that some candidates TET marks was changed. For that they couldnt secure place in panel



## ACADEMIC SCORE CHANGED

Some candidates reported that their academic score was changed. For that reason they are out of the panel / WL



## UNTRAINED IN THE PANEL

There is also allegation that untrained candidates are present in the panel that is a serious violation of NCTE rules



## REJECTED AFTER INTERVIEW

There is another allegation that some candidates are rejected after the interview without giving the proper reason

## 2. FORMALIZATION OF THE PROBLEM

We have to find answers of these problem

1

### **TOTAL REJECTED CANDIDATES**

We have to find total number of candidate get interview and how many of them are in panel/WL.

2

### **TOTAL TET NUMBER CHANGED**

Have to find how many candidates TET number was changed.

3

### **TOTAL ACADEMIC CHANGED**

Academic is the sum of secondary, HS, graduation and training marks. Have to check whose academic changed

4

### **TOTAL OF UNTRAINED CANDIDATES**

Total of candidates whose Training marks is 0

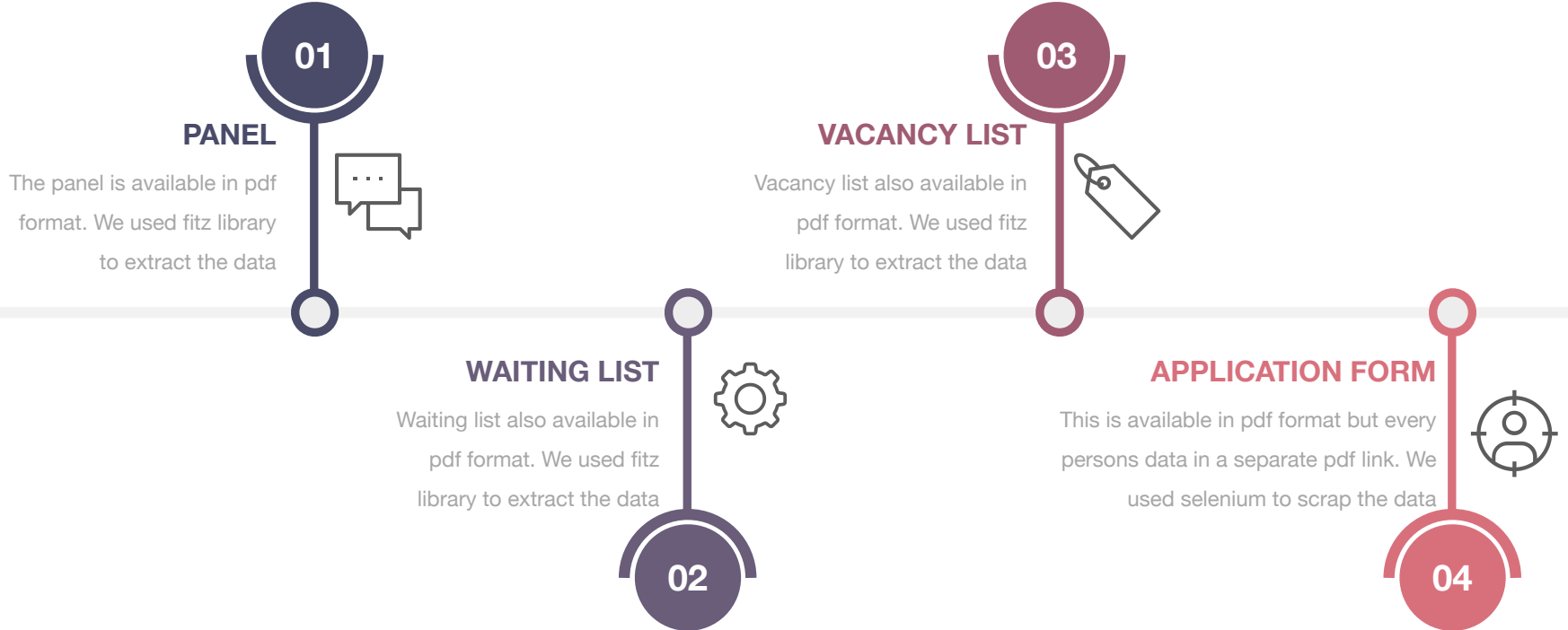
5

### **TOTAL MISTAKENLY FILLED UP FORM**

Have to check each candidates application form, what data they have provided.

# 3. DATA COLLECTION & PROCESSING

Need 4 types of data that are available on the website of the schoolservice commission



# 4. DATA ANALYSIS

## FIND OUTLIERS

- Find outliers in respect of TET and academic number.
- Box plot for visualization
- Analyze outliers and try to understand why is this outliers meant for.

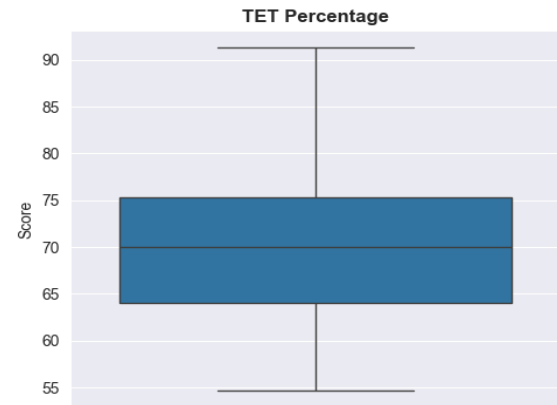
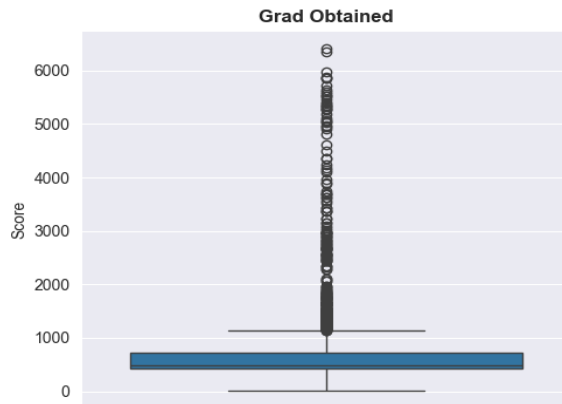
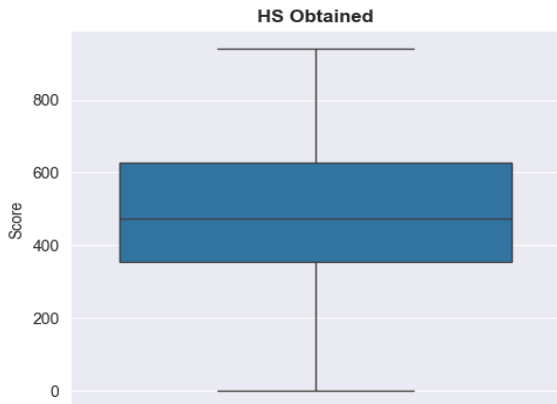
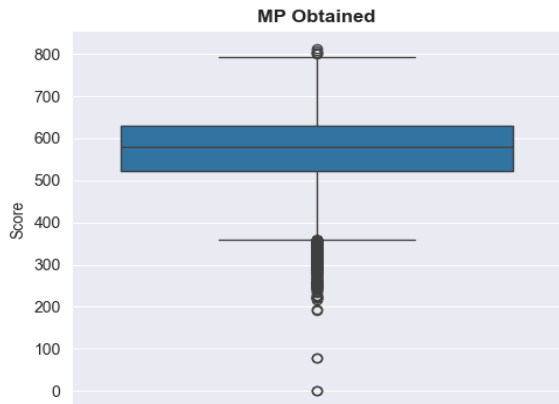
## DATA DISTRIBUTION

- Understand the distribution of data. In respect to TET score and academic
- Visualize data distribution with displot

## ANALYZE DATA

- Combine all the outliers in respect to TET and academic.
- Find the answers of the problems

# OUTLIERS

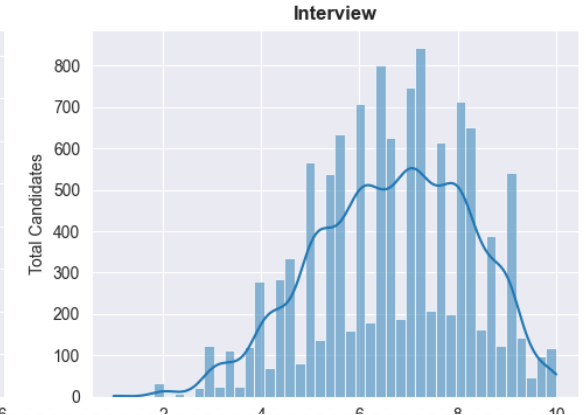
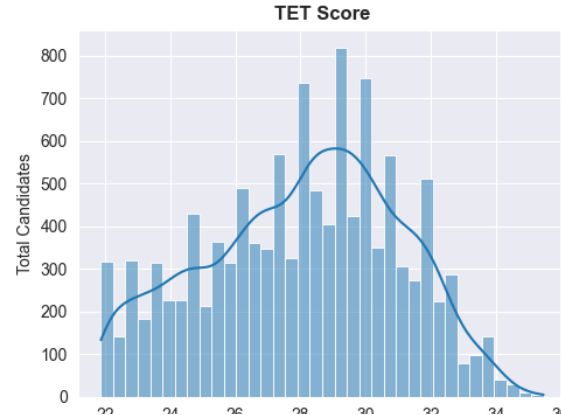
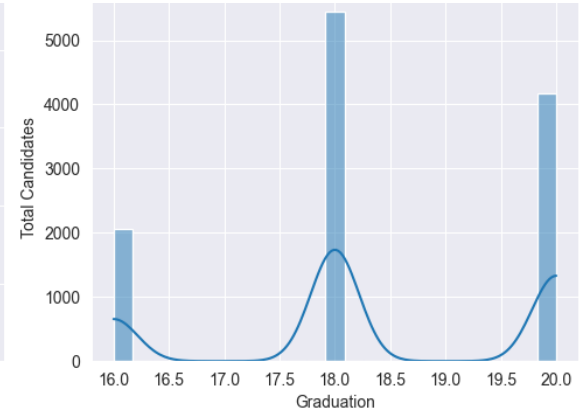
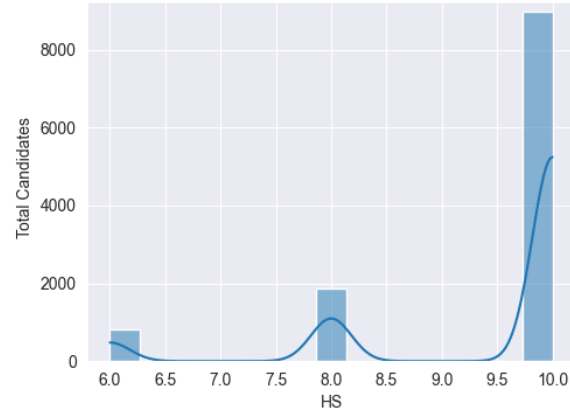
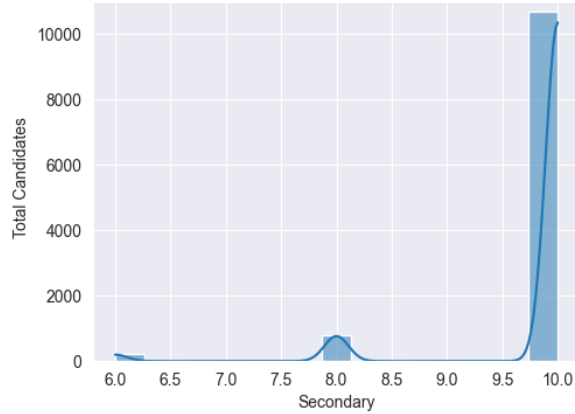


## OBSERVATIONS

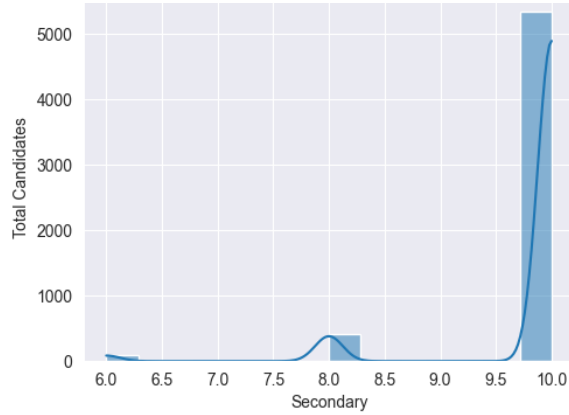
- There are some extreme values in MP Obtained, Grad Obtained and Training Obtained Column
- HS Obtained and TET Percentage column seems normal



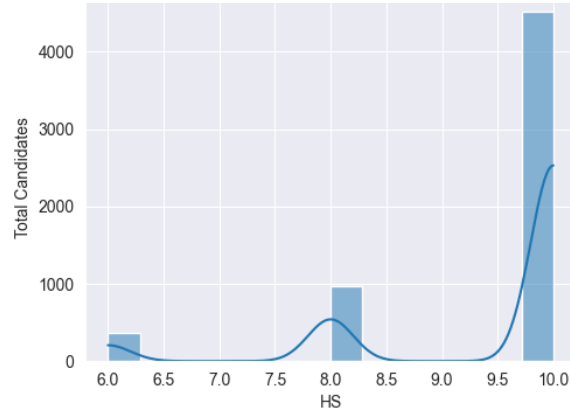
# PANEL DATA DISTRIBUTION



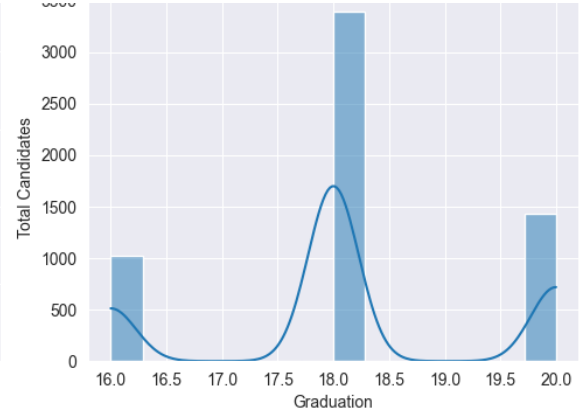
# WAITING LIST DATA DISTRIBUTION



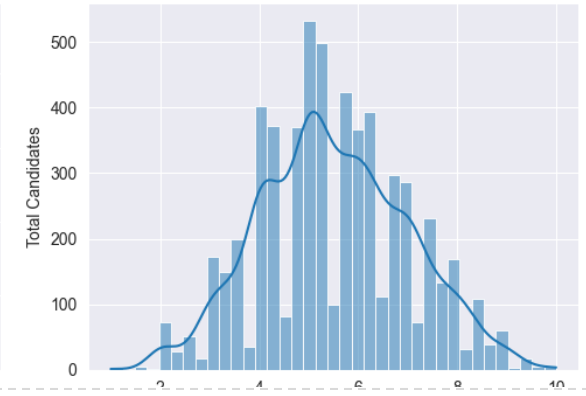
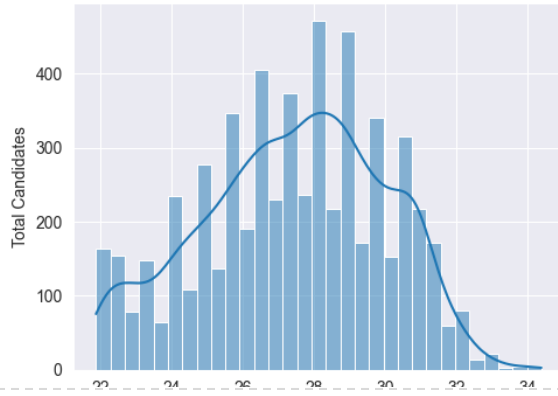
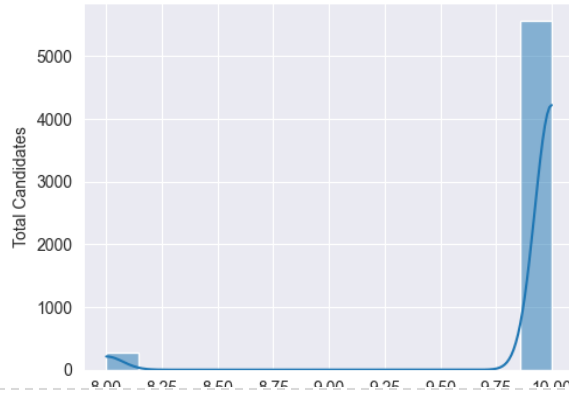
**Training**



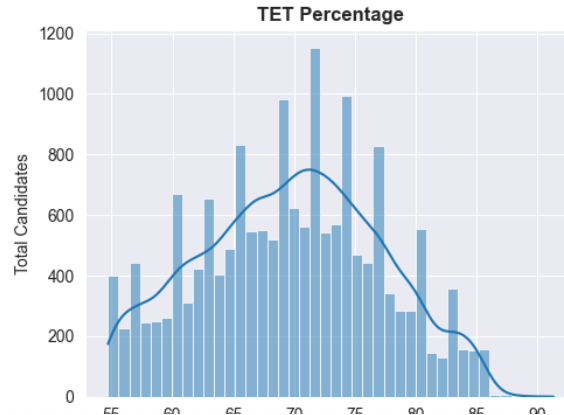
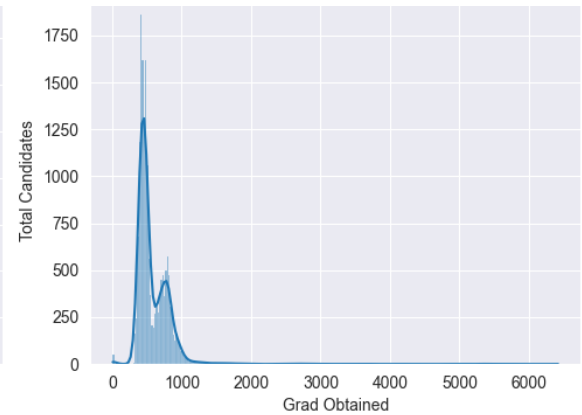
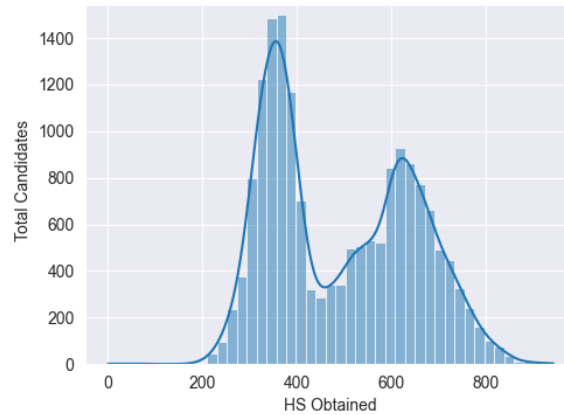
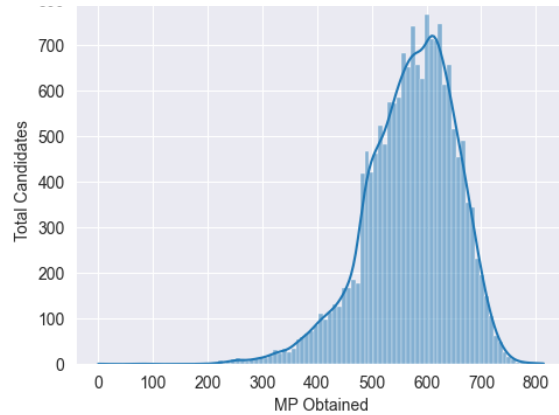
**TET Score**



**Interview**



# APPLICATION FORM DATA DISTRIBUTION



## OBSERVATIONS

- Panel and waiting list data distribution is normal, there is no extreme values
- There are extreme data distribution in form data that was filled up by candidates
- we have to make boxplots for form data to visualize extreme values

# 5. FINDINGS

## REJECTED

- Total interviewed candidate: 16985
- Total merit listed candidate: 13334
- Total rejected candidate after interview: 3651

## ACADEMIC MISMATCH

- Total empanelled with academic mismatch: 643
- Total waiting with academic mismatch: 284

## TET SCORE MISMATCH

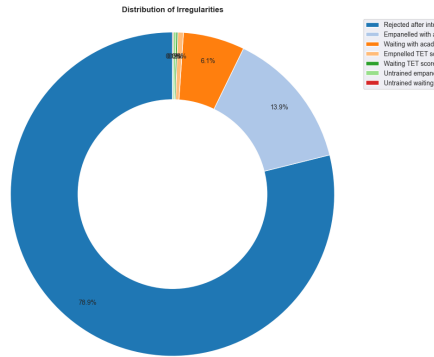
- Total TET Score mismatch in panel (difference more than 0.02): 26
- Total TET Score mismatch in waiting list (difference more than 0.02): 8

## UNTRAINED

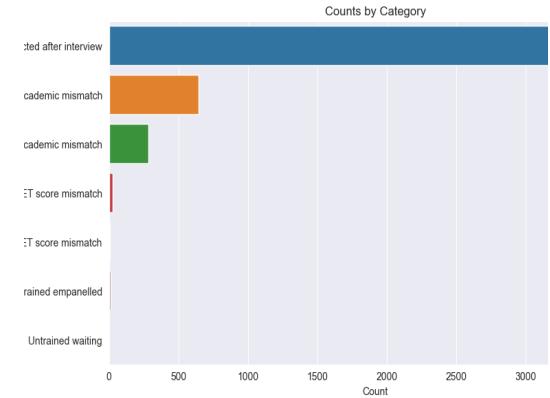
- Total untrained empanelled: 12
- Total untrained waiting: 4

# RECOMMENDATION

On the basis of our finding through data analysis



**There are clearly some  
irregularities practised by the  
Commission or by the candidates.**



The report highlights irregularities in the Commission's practices or candidates' submissions. A significant number of candidates were rejected post-interview, with unclear causes due to insufficient data. Many candidates exhibit academic and TET score mismatches. Additionally, untrained candidates are found in panel/ waiting lists, indicating serious irregularities warranting potential legal action against the Commission.