



INNOMATICS

RESEARCH LABS





Team Member Name:

K. ARAVIND GOUD

Batch-172

BEST COLLEGES for MS in USA

CASE



Finding the Top best universities for MS.



To find the Best universities with Low Tuition Fee.



To find Best universities Accepting less Rank Card

Libraries used

1. Numpy
2. Pandas
3. Matplotlib
4. Seaborn
5. Re
6. Requests
7. BeautifulSoup



Website and method

- <https://studyabroad.shiksha.com/>
- I have used above URL to gather information from the website and I have inspected the HTML codes behind the page to extract the information and I have stored required data .

Summary of the Data

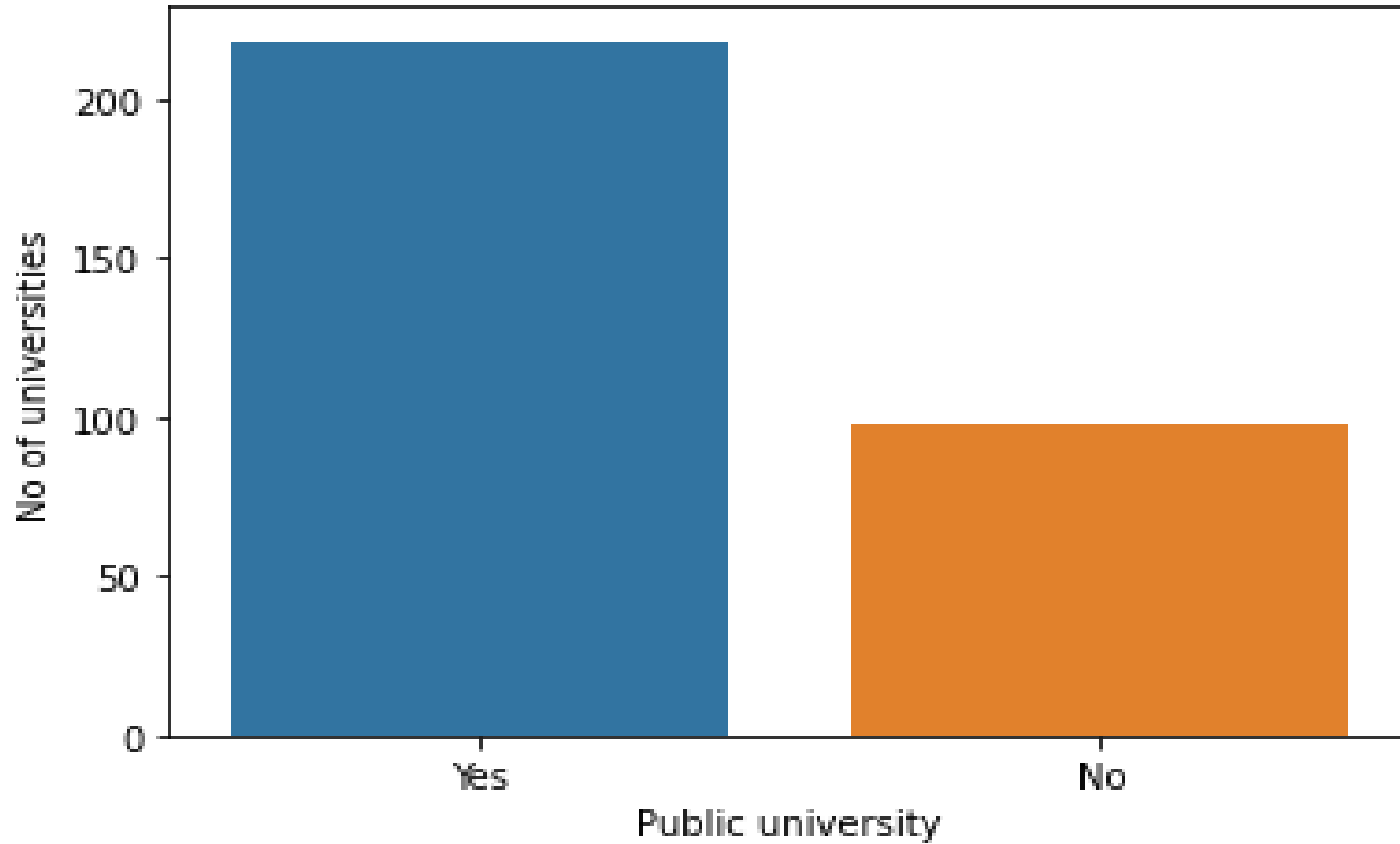
- 1 College Name
- 2 College Location
- 3 Course
- 4 Fee in Lakhs
- 5 Public university
- 6 Scholarship
- 7 Accommodation
- 8 IELTS Score

Exploratory Data Analysis

21.8

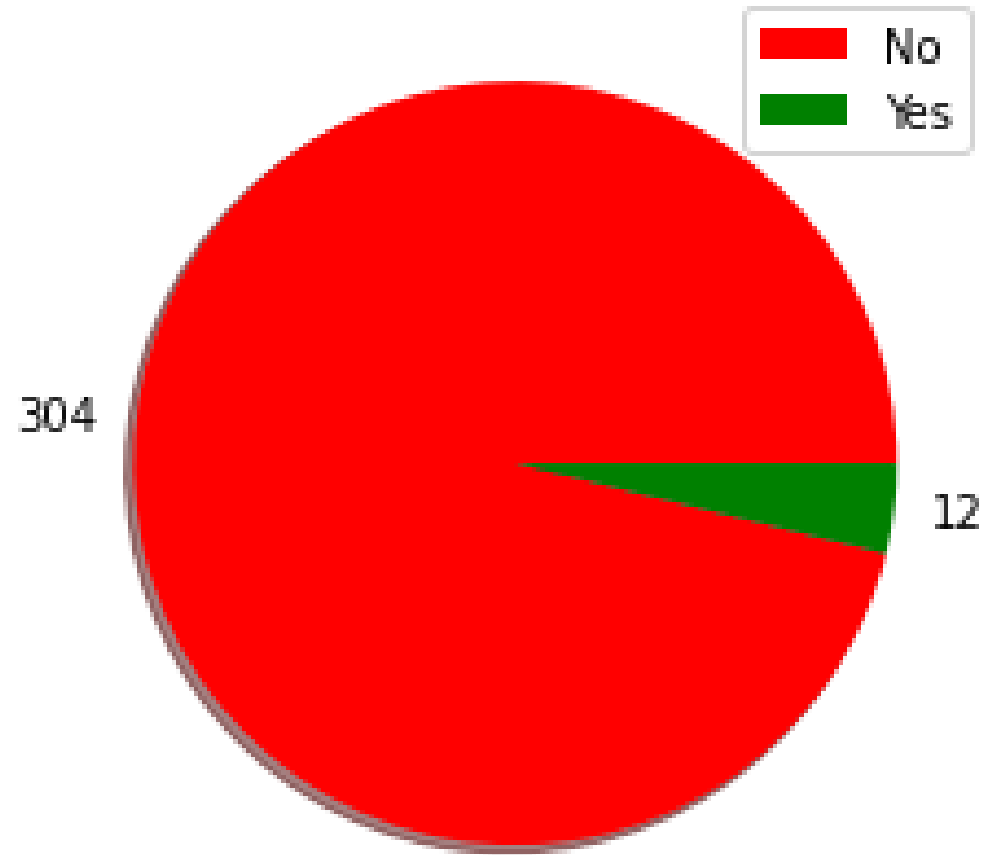
Data cleaning

- I have removed All the duplicates
- By using Regex I have Created new columns using the different columns to analyse the data better.
- Converted all the columns to desired datatypes
- Deleted the columns which are not useful for analysing the data.
- Filled the null values with the necessary values by taking Mean or Median

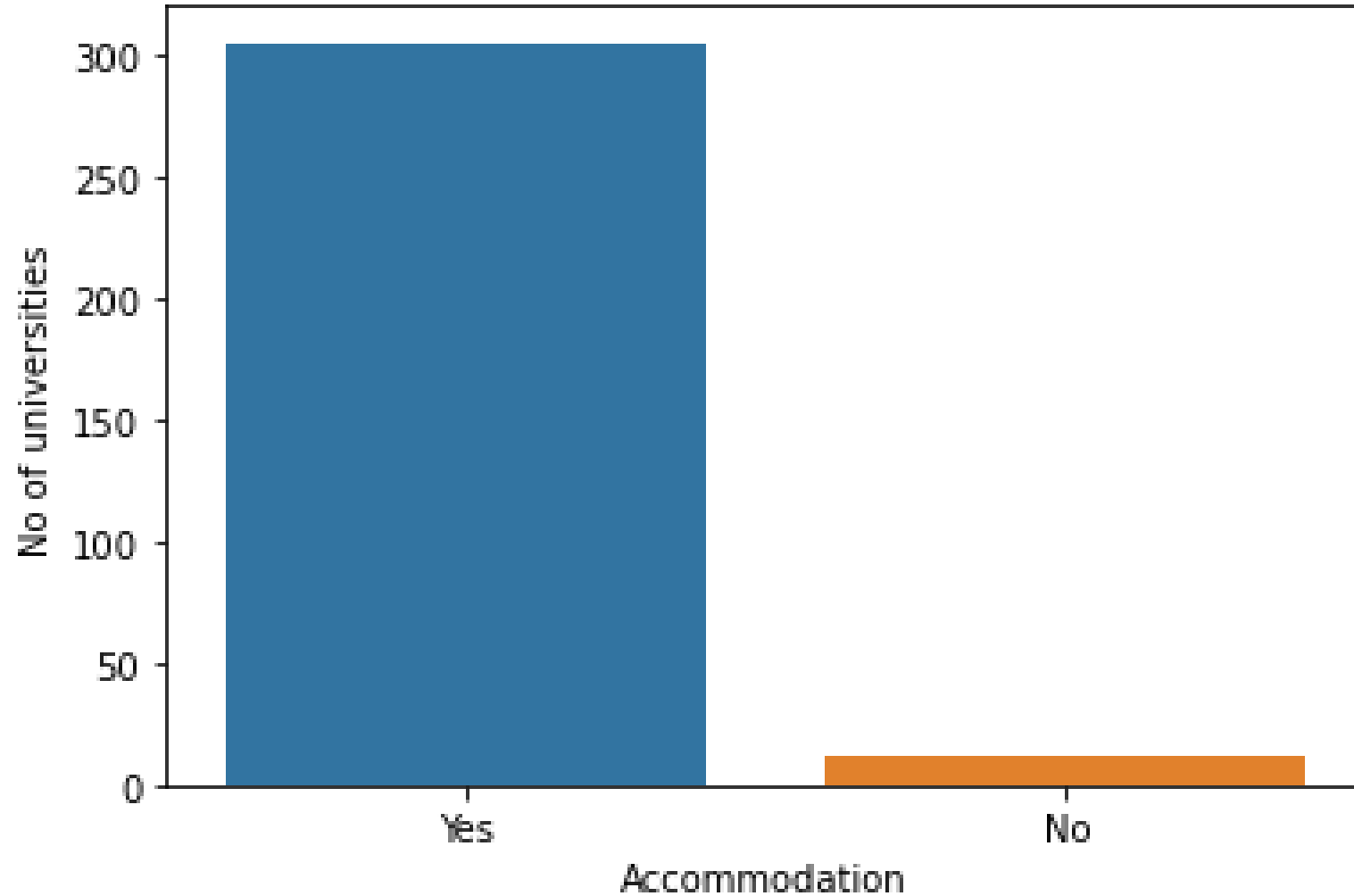


- **Most of the universities are public universities**

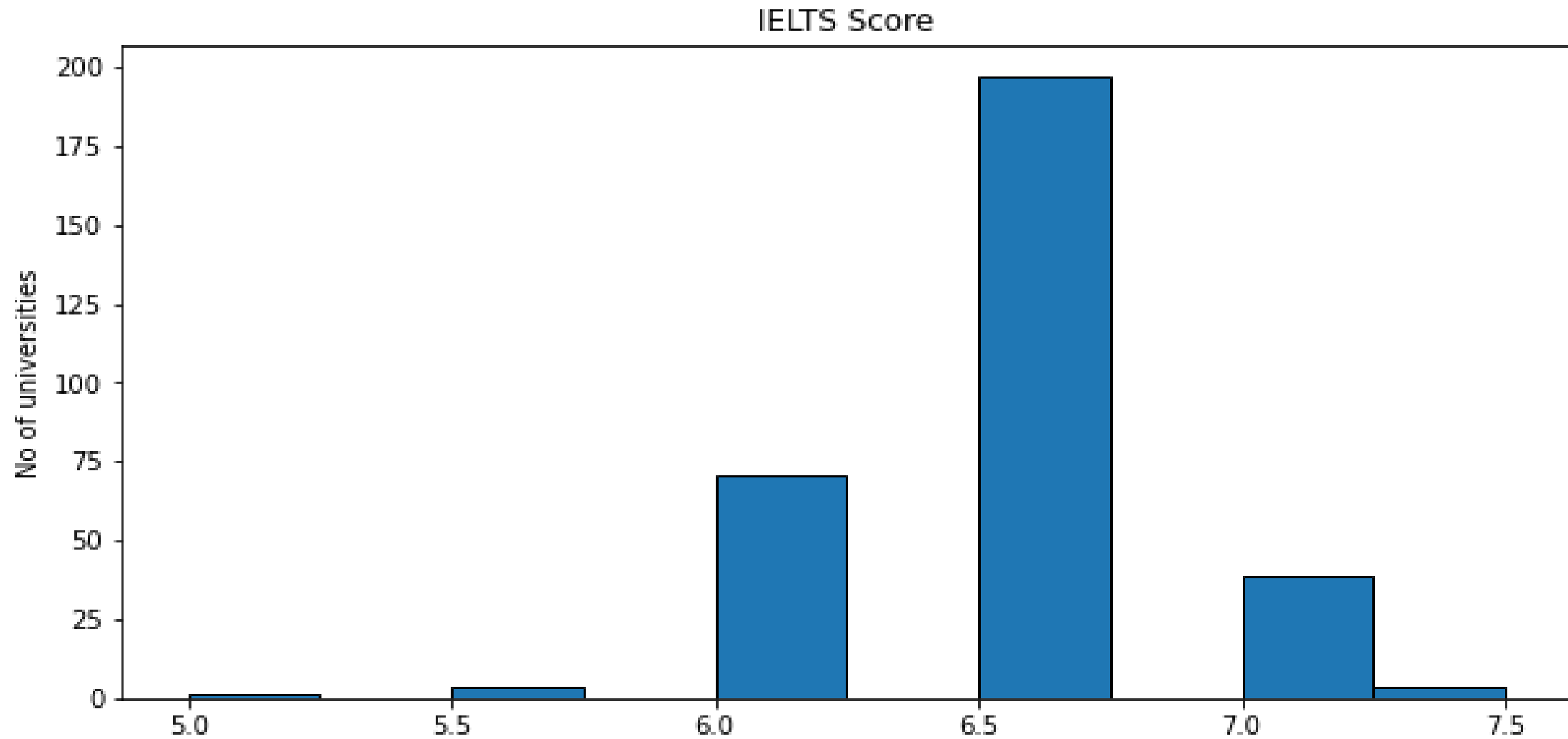
Scholarship



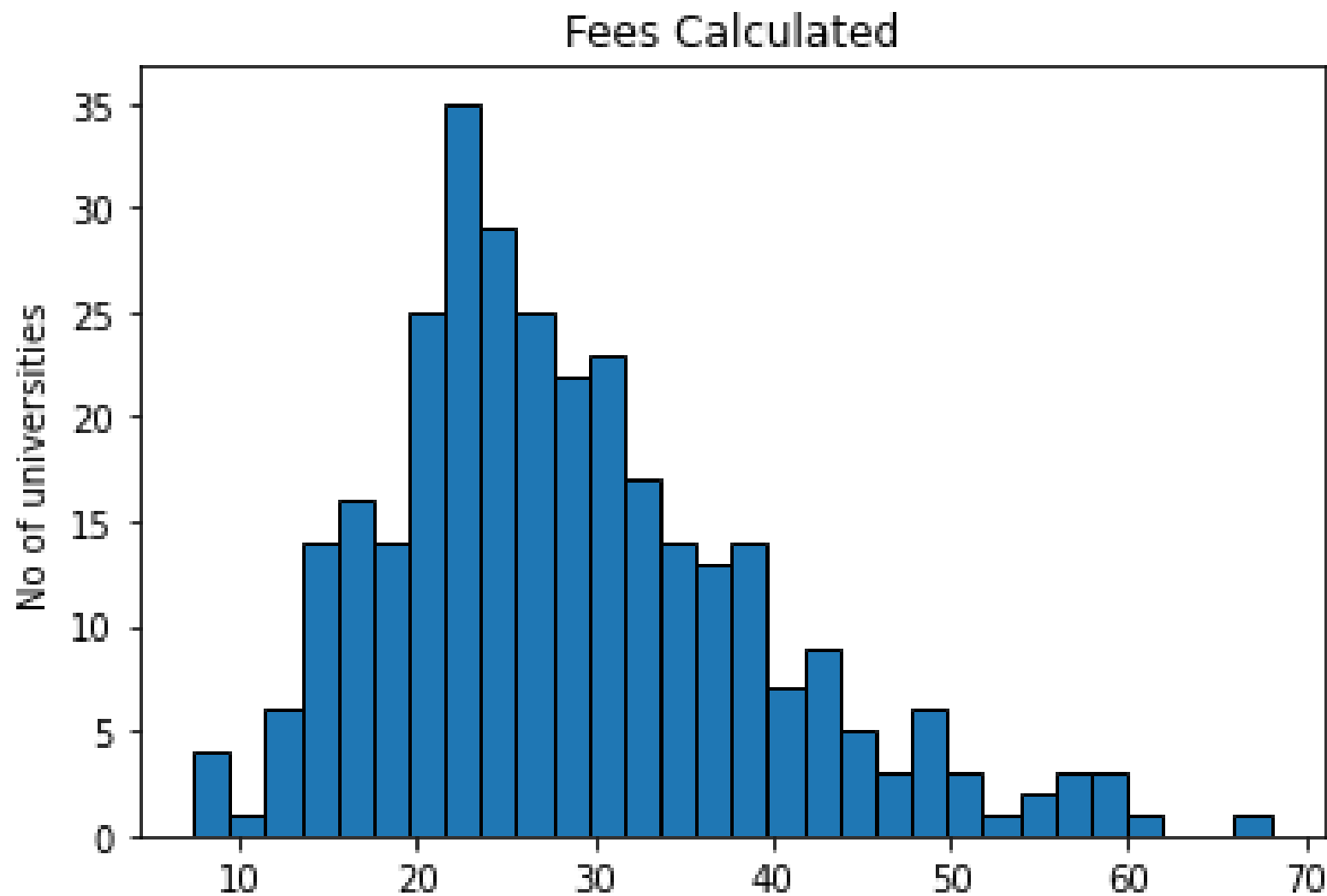
- Most of the universities are not providing Scholarship



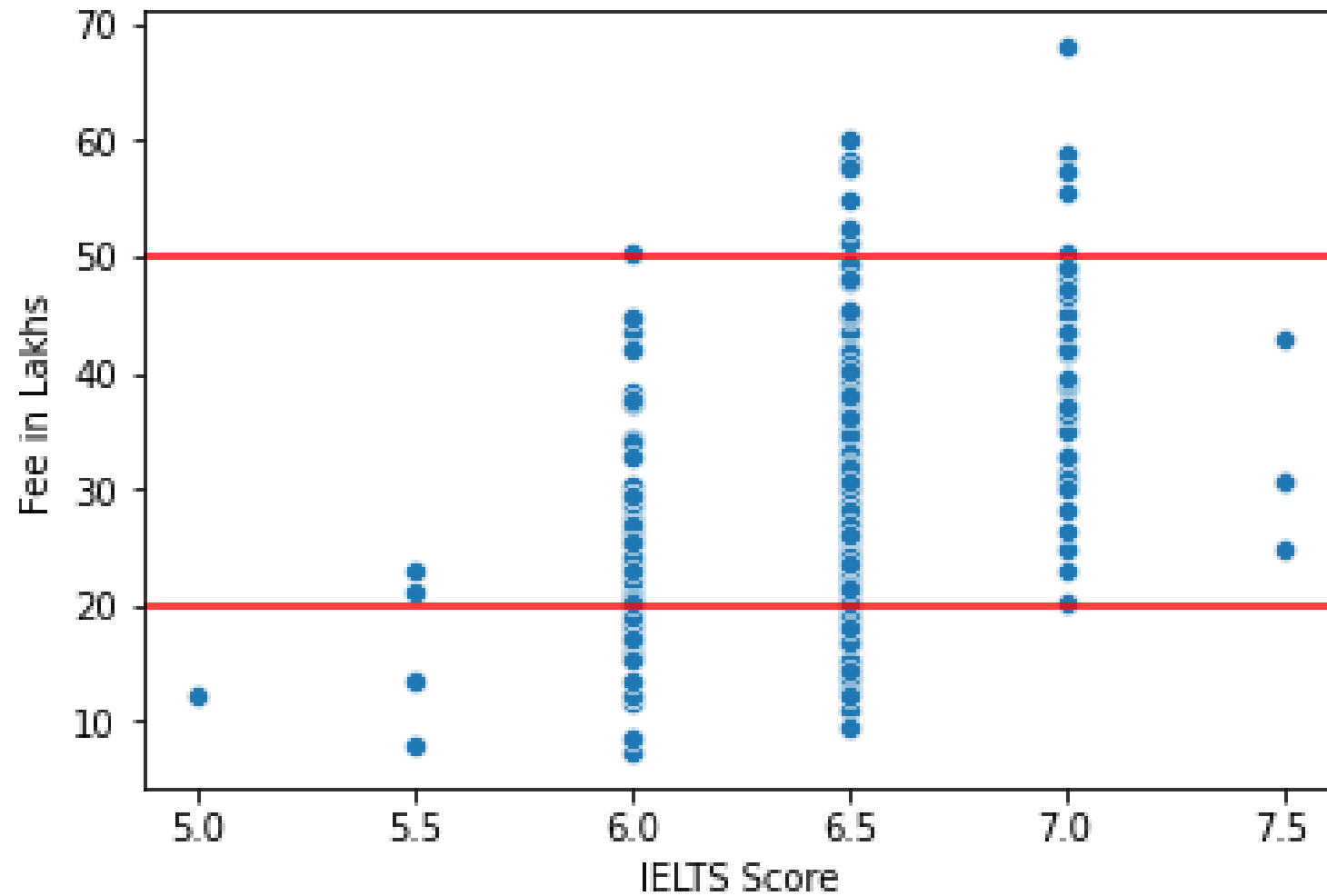
- **Around 300 universities are providing Accommodation**



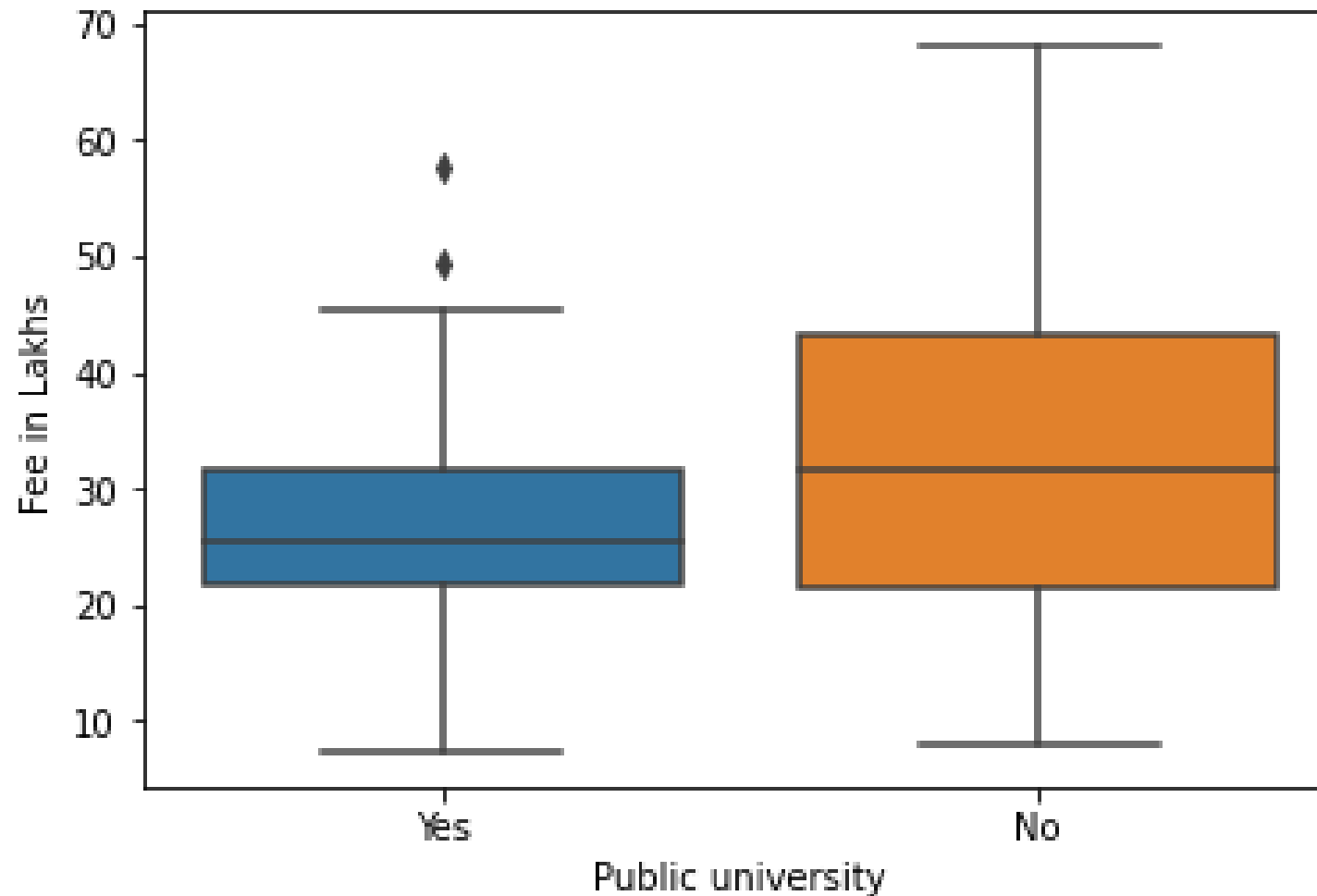
- Most of the universities are accepting IELTS Score of min 6.5



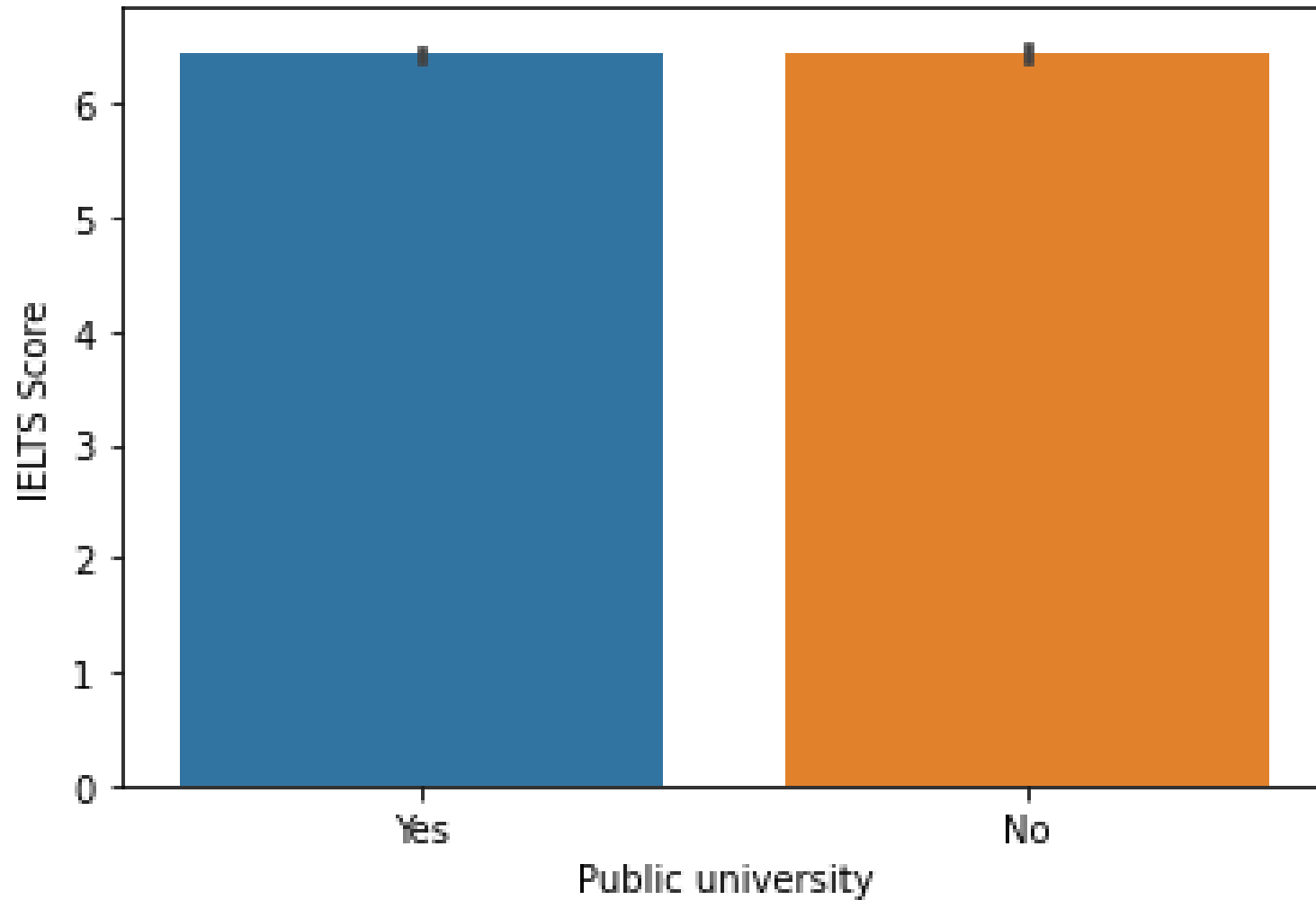
- **Average fee structure of the universities in usa lies between 20 to 30Lakhs**



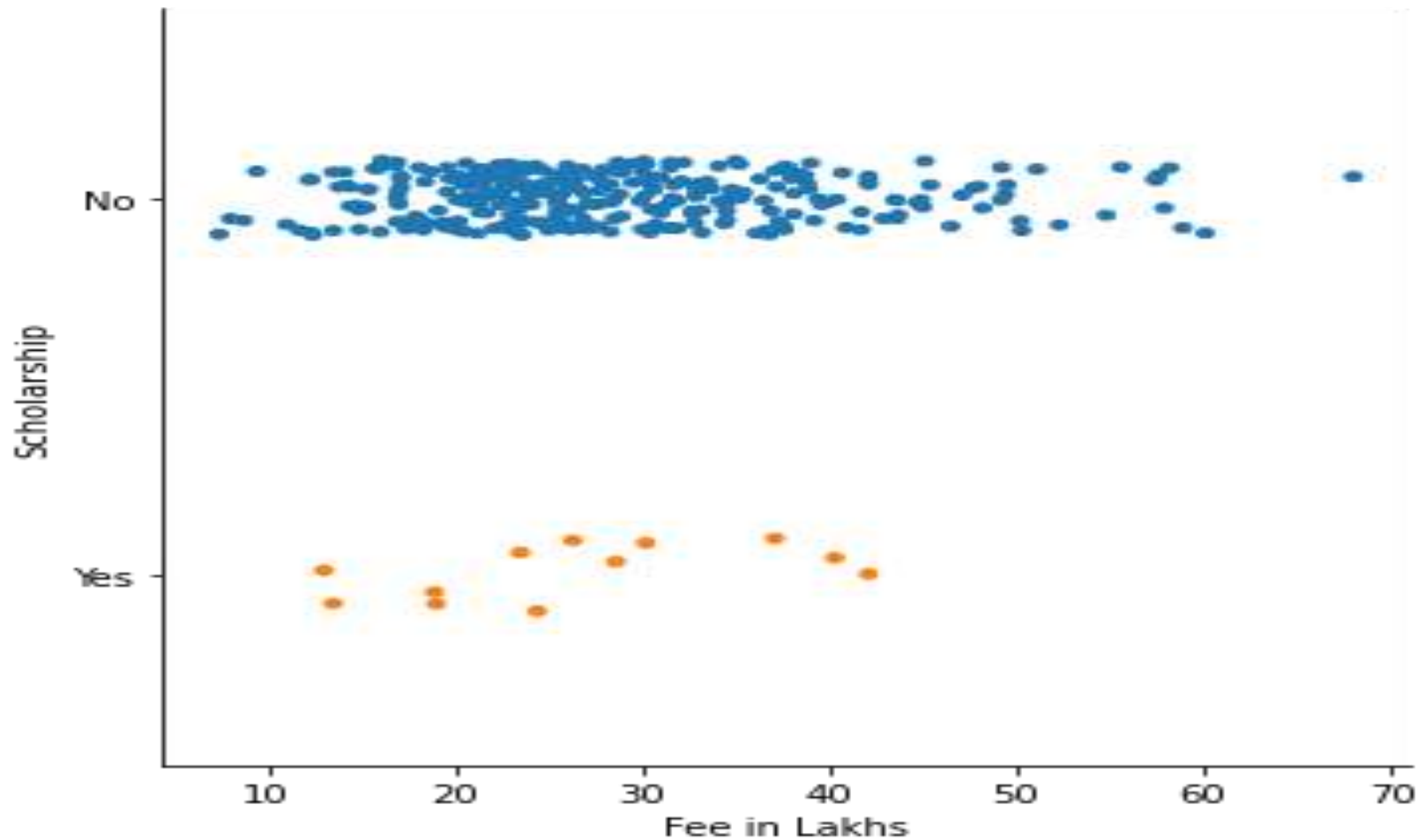
- Universities of fee between 20 to 50L were accepting IELTS Score of min 6.0



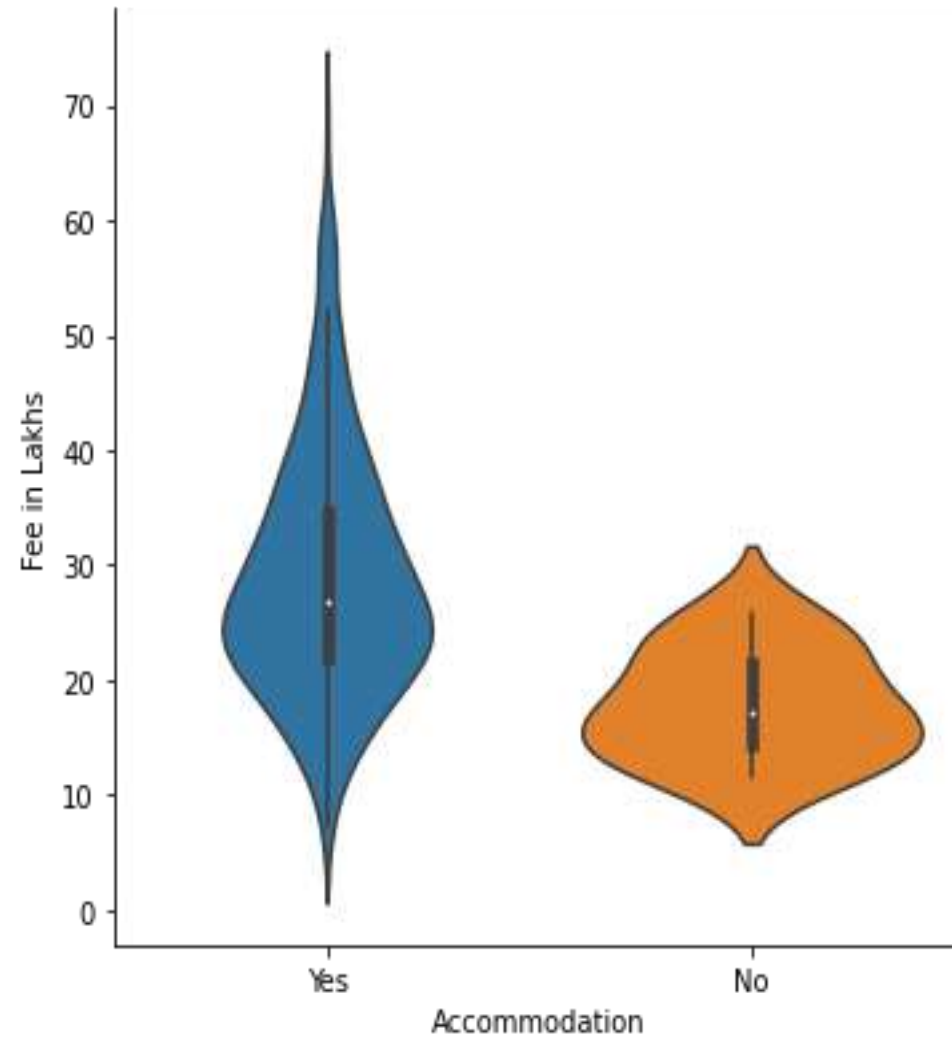
- **Most of the public universities are charging Avg fee between 25Lakhs**
 - **Private universities are charging Avg fee between 32Lakhs**



- **Universities whether public or private were accepting IELTS Score of min 6.5**



- Only few Universities which are giving scholarship having fee range between 13-43



- Most of the Universities with Accommodation having fee range between 7 -60L
- Only few Universities with no Accommodation having fee range between 10-30L

Top Best Universities for MS

The University of Illinois at
Chicago

Chicago

Fitchburg State University

Amherst

Indiana State University

Terre Haute

Sonoma State University

Rohnert Park

Texas Woman's University

Denton

Southern Oregon University

Ashland

Shippensburg University of
Pennsylvania

Shippensburg

University of Northern Iowa

Cedar Falls

Eastern Washington University

Cheney

Best Universities with Low Tuition Fee

Fitchburg State University

Amherst

Texas Woman's University

Denton

Southern Oregon University

Ashland

Shippensburg University of
Pennsylvania

Shippensburg

Best Universities Accepting Less IELTS Score

Shippensburg University of
Pennsylvania

Shippensburg

Conclusion

- **8 Best Universities out of 315 universities for MS in USA**
- **4 Best Budget friendly Universities of course Computer Science**
- **1 Best University of having Less Eligibility IELTS Score**

Challenges Faced

- Finding the best website with genuine and complete information
- Scrapping the required information

THANK YOU

