

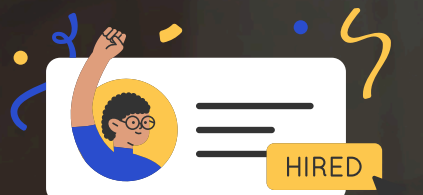
Job Market Analysis

Know the current job market

 Smitesh Tamboli



Come in
**We're
HIRING!**



- **Introduction**
- **Problem Statements**
- **Dataset Exploration**
- **Descriptive Analysis**
- **Advanced Analysis**
- **Conclusion**



Introduction

The project analyze the current job market trends based on available dataset of a job portal.



Problem Statements

- Which industries are posting the most jobs?
- Which skillsets are most demanding?
- Which are the top employers?
- Which are the demanding locations for the jobs?
- Visualize relationship between experience and pay



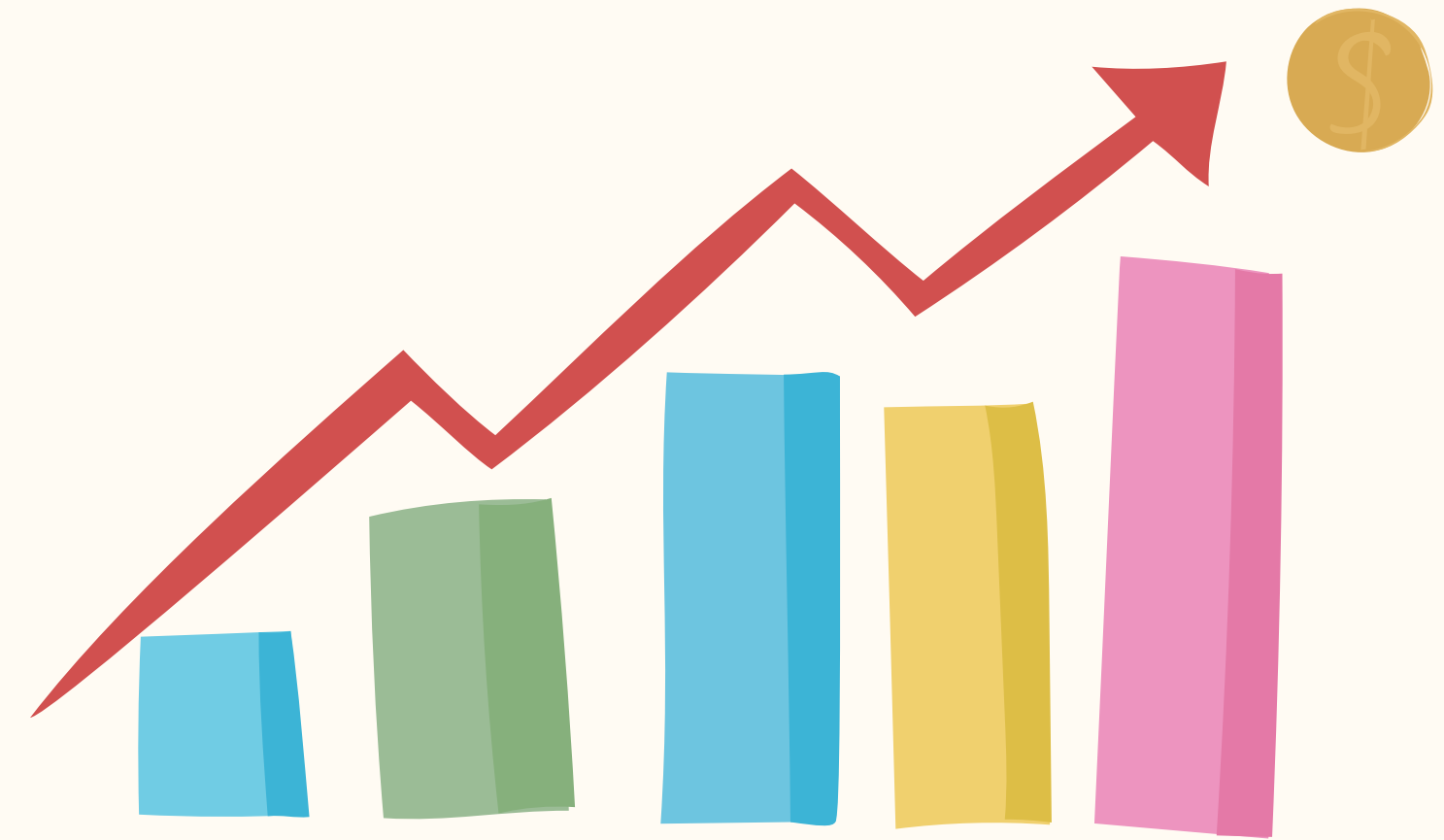
Dataset Exploration

- Summarize missing values
- Drop unnecessary features

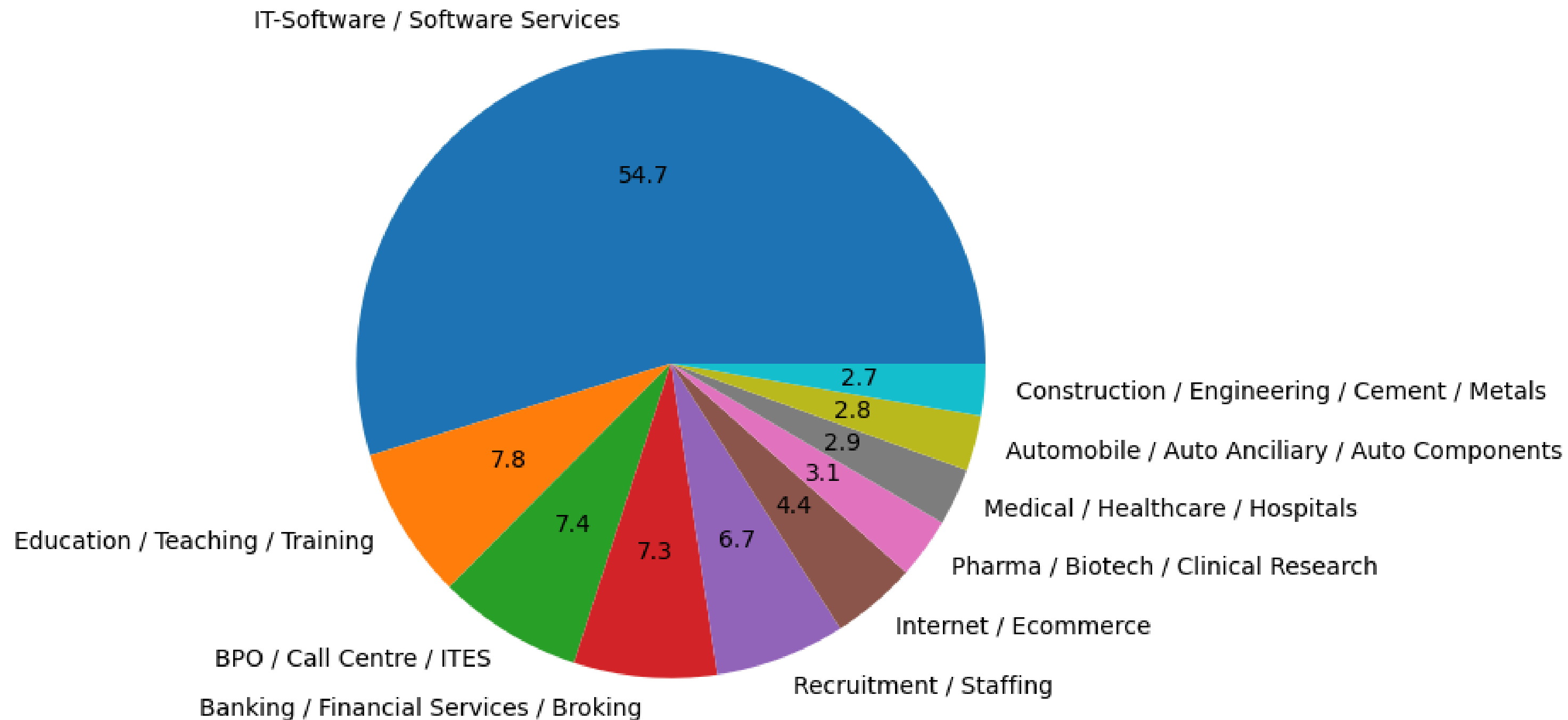
	Total_Missing	Percentage_Missing
company	4	0.018182
education	1996	9.072727
experience	4	0.018182
industry	5	0.022727
jobdescription	4	0.018182
jobid	0	0.000000
joblocation_address	501	2.277273
jobtitle	0	0.000000
numberofpositions	17536	79.709091
payrate	97	0.440909
postdate	23	0.104545
site_name	18013	81.877273
skills	528	2.400000
uniq_id	0	0.000000

Descriptive Analysis of Problem Statements

- Which industries are posting the most jobs?
- Which are the top companies?
- Which are the top job titles in demand?
- Which skillsets are most demanding?
- Which are the demanding locations for the jobs?
- Maximum Payrate based on Industry
- Visualize relationship between experience and pay

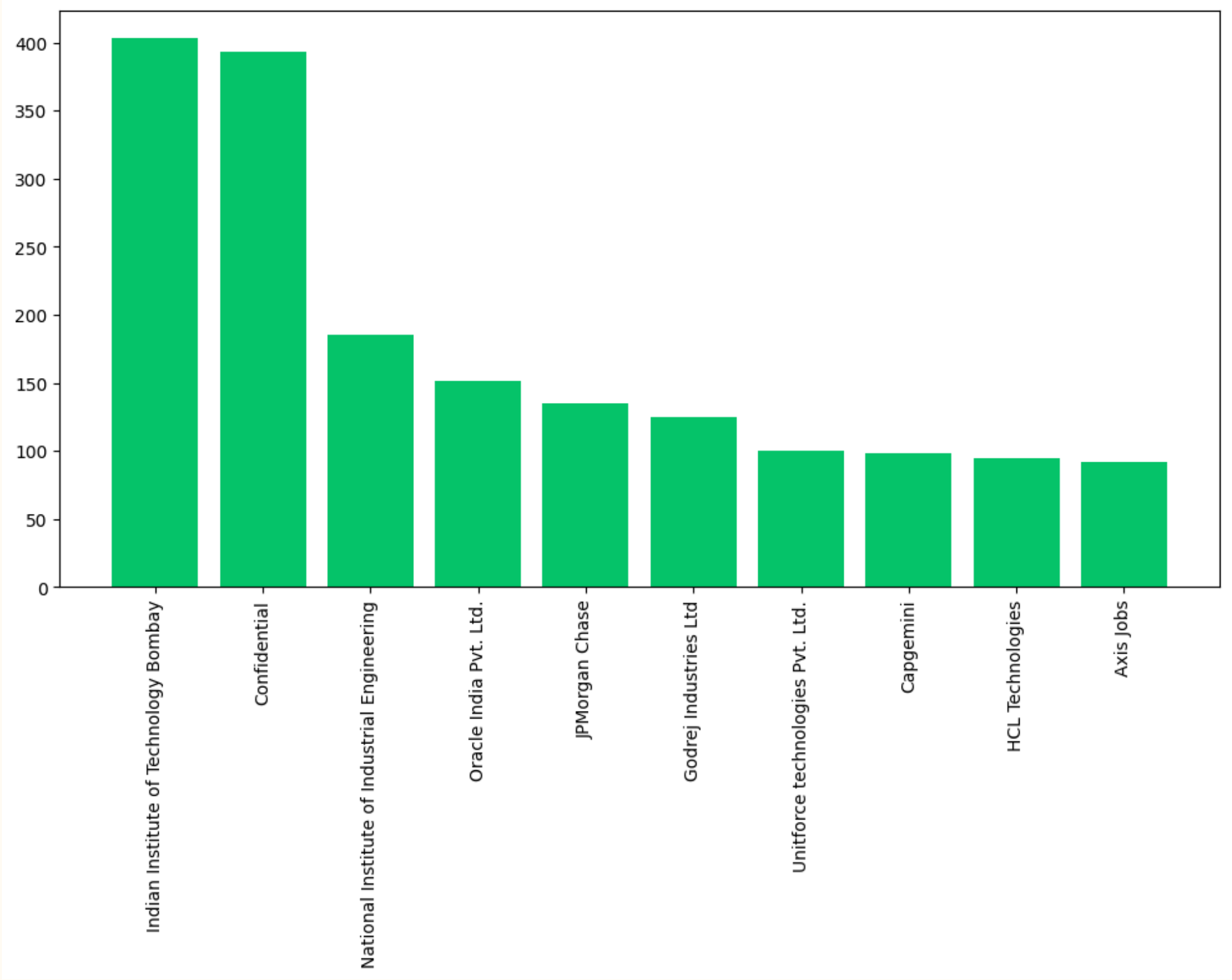


Top 10 Industries Posting Jobs



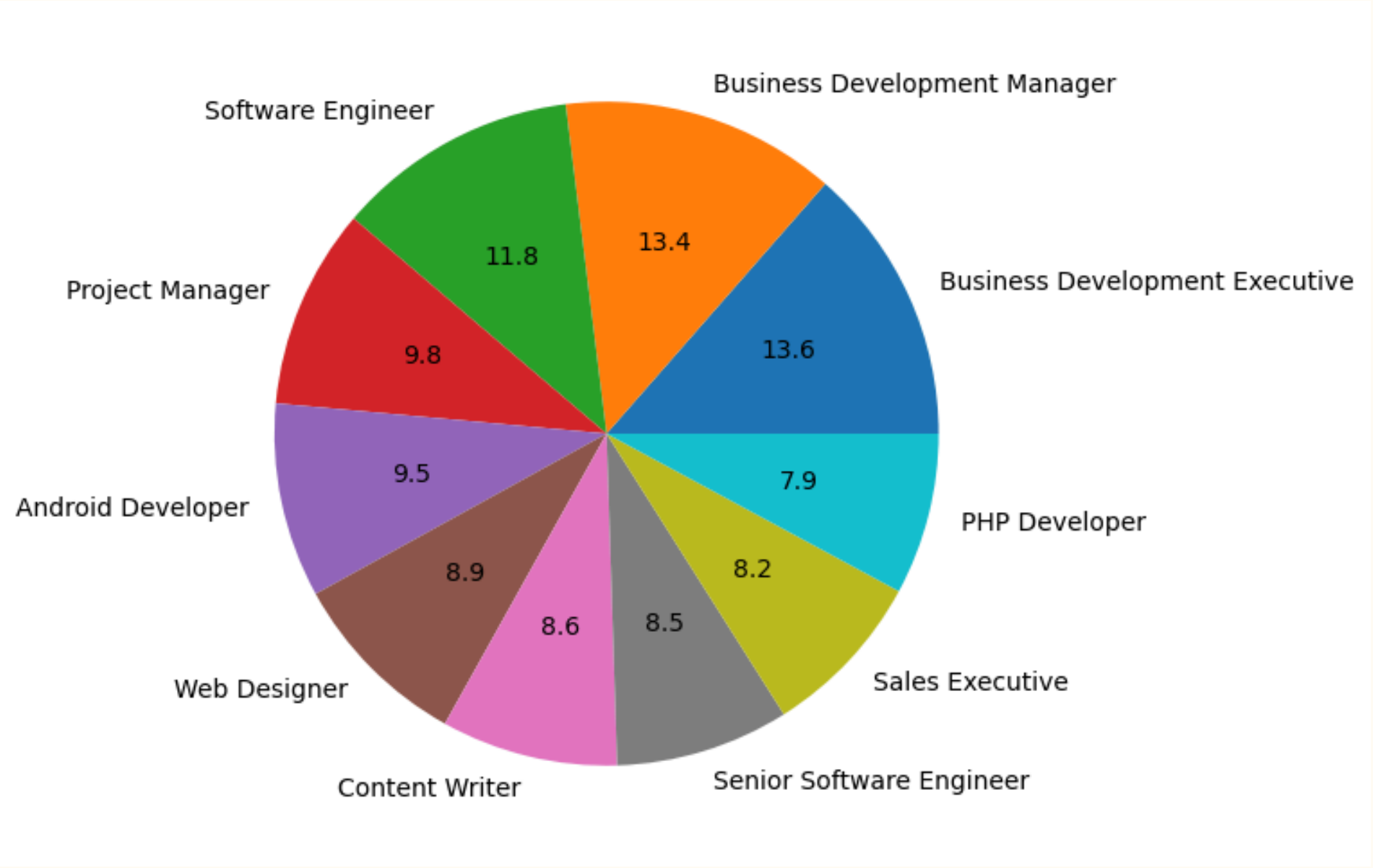
Top 10 Companies

Company	Job Posted (%)
IIT Bombay	22.7
Confidential	22.1
National Institute of industrial Engineering	10.4
Oracle India Pvt. Ltd	8.5
JP Morgan Chase	7.6
Godrej Industries Ltd	7.0
Unitforce Technologies Pvt. Ltd	5.6
Capgemini	5.5
HCL Technologies	5.3
Axis Jobs	5.2



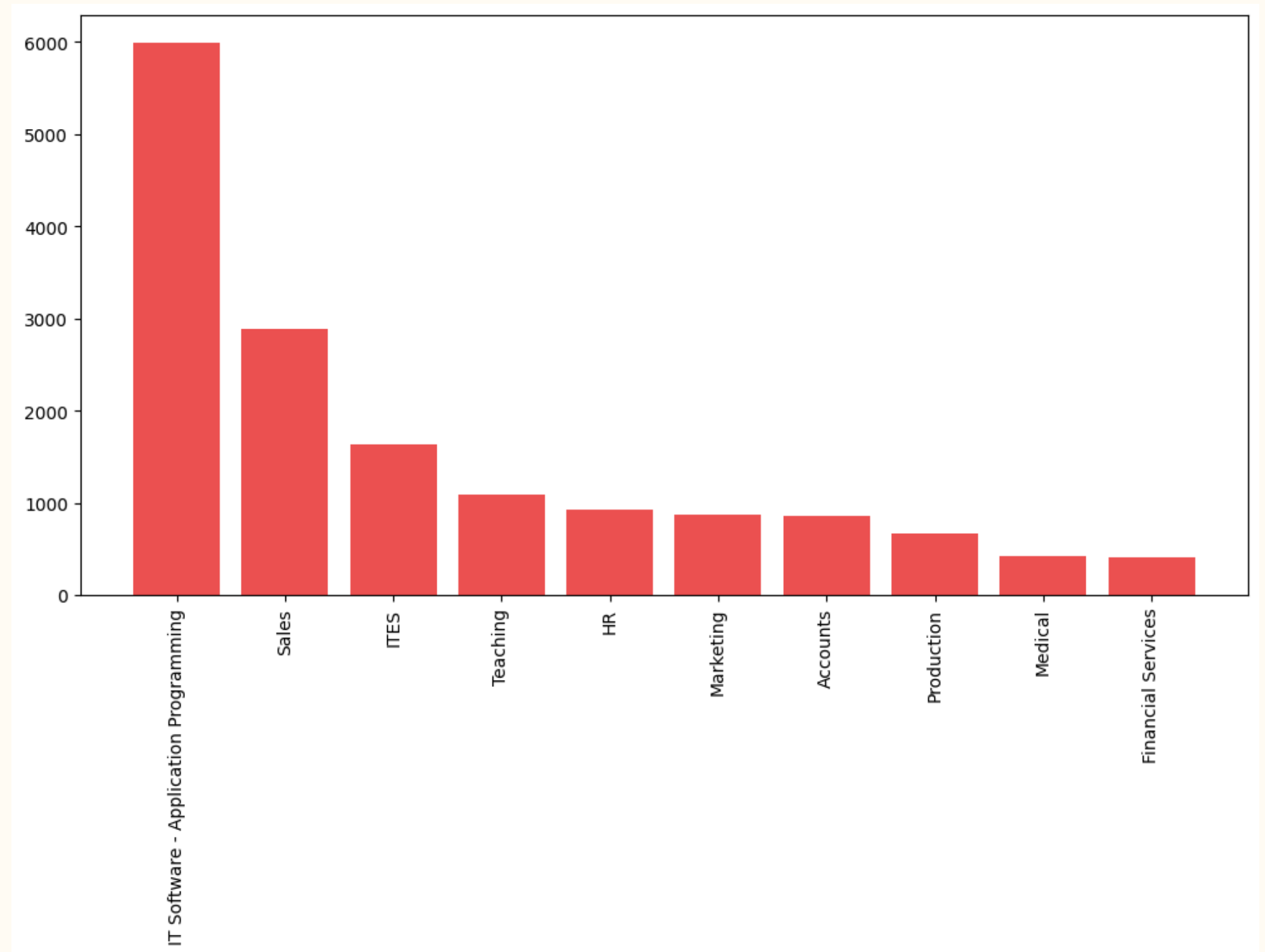
Top Job Titles in demand

Job Title	Job Posted (%)
Business Development Executive	13.6
Business Development Manager	13.4
Software Engineer	11.8
Project Manager	9.8
Android Developer	9.5
Web Designer	8.9
Content Writer	8.6
Senior Software Engineer	8.5
Sales Executive	8.2
PHP Developer	7.9



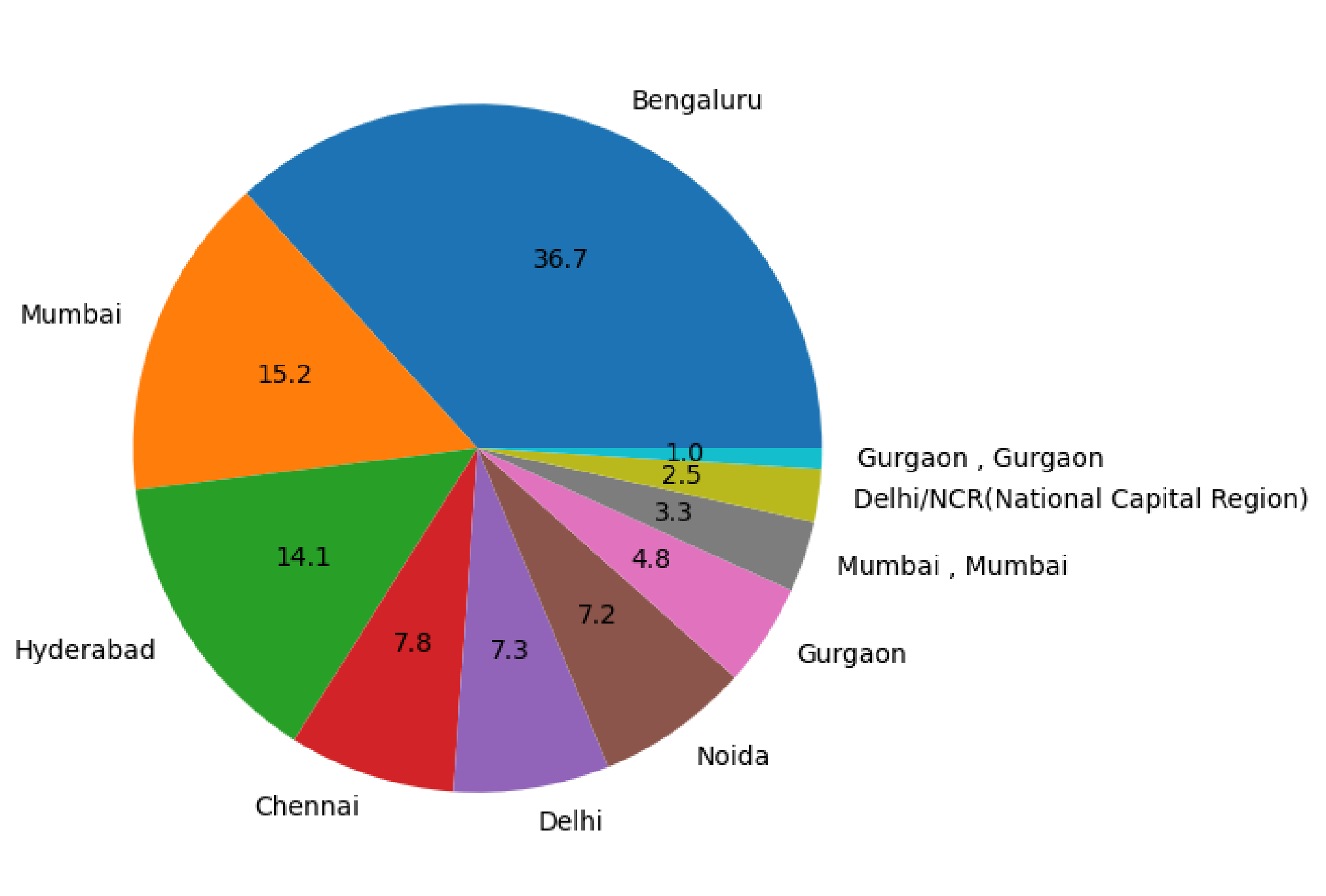
Most Demanding Skills

Skills	Job Posted (%)
IT Software - Application Programming	5989
Sales	2893
ITES	1640
Teaching	1091
HR	928
Marketing	868
Accounts	860
Production	667
Medical	418
Financial Services	413



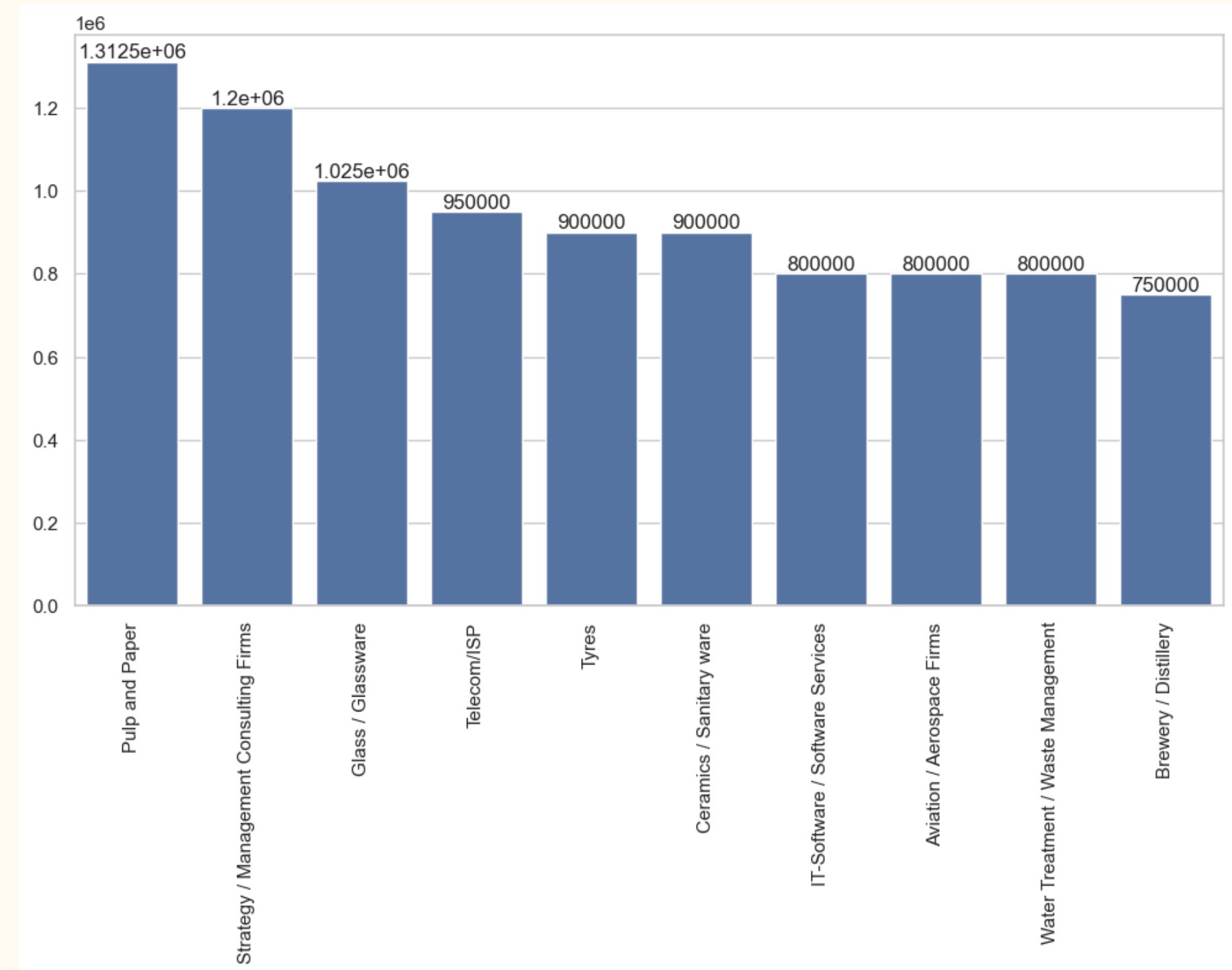
Top 10 Locations of Job Posting

Location	Job Posted (%)
Bengaluru	36.7
Mumbai	15.2
Hyderabad	14.1
Chennai	7.8
Delhi	7.3
Noida	7.2
Gurgaon	4.8
Mumbai, Pune	3.3
Delhi / NCR	2.5
Gurgaon, Gurgaon	1.0

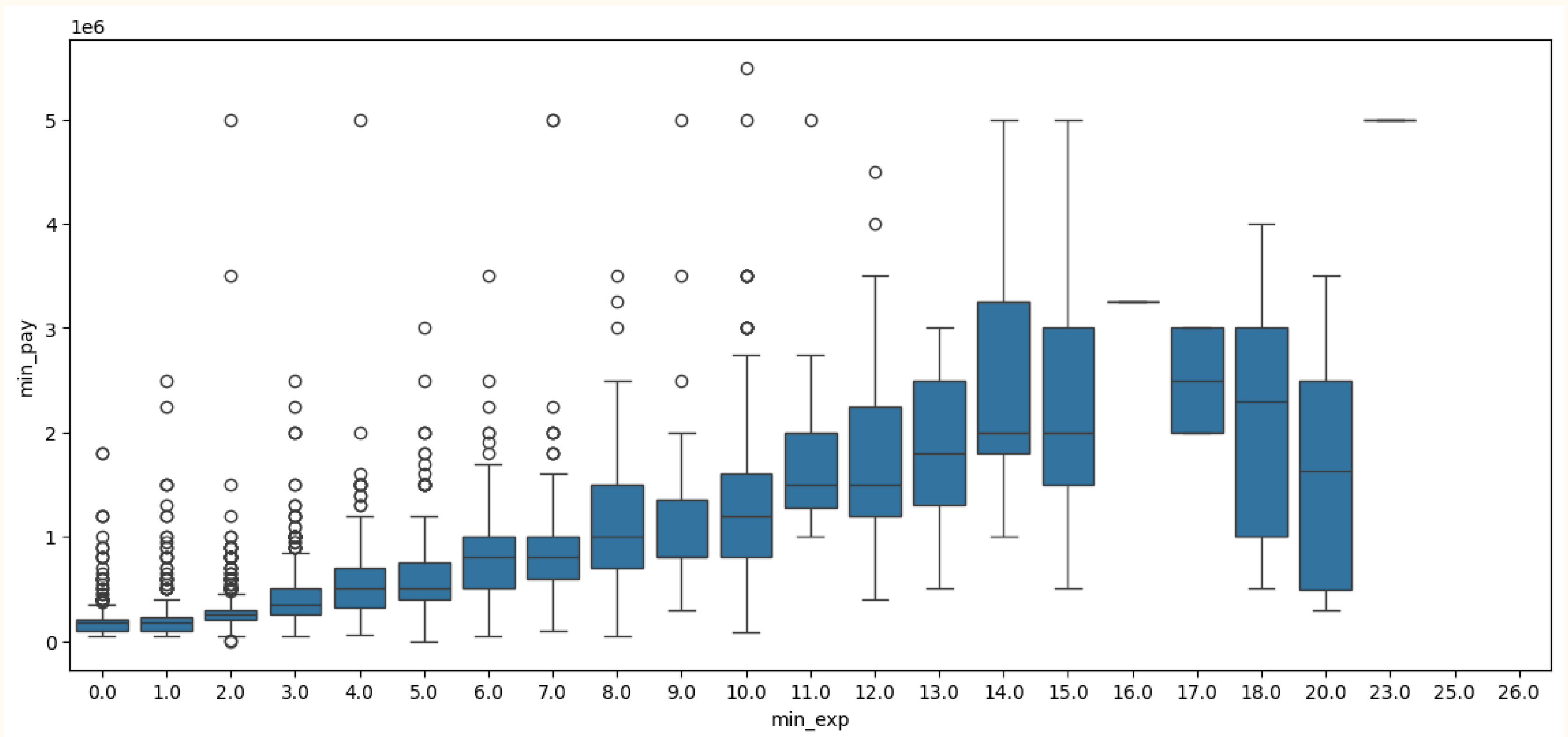


Maximum Payrate based on Industry

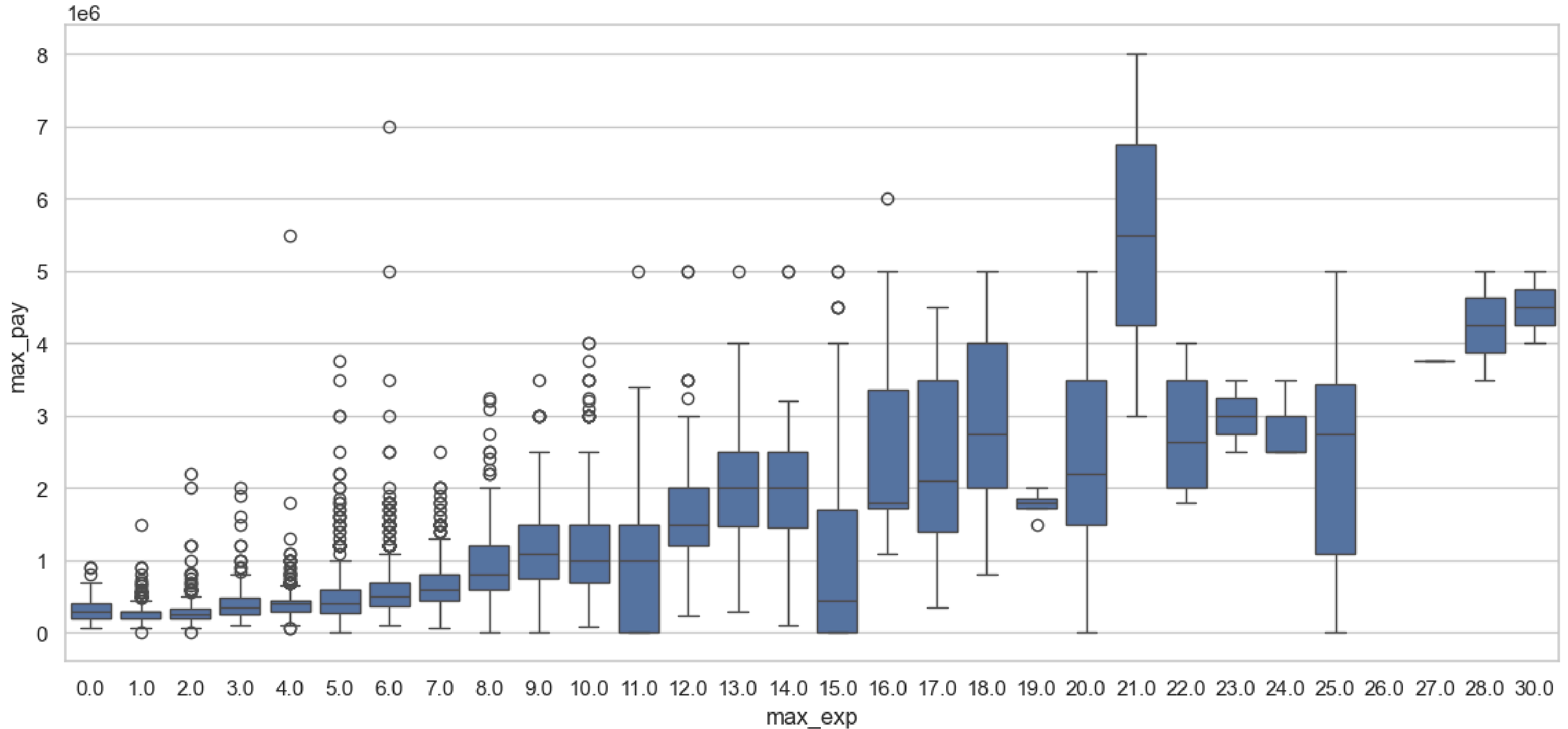
Industry	Max Pay
Pulp and Paper	1312500
Strategy/Management Consulting Firms	1200000
Glass / Glassware	1025000
Telecom / ISP	950000
Tyres	900000
Ceramics / Sanitary Ware	900000
IT-Software / Software Services	800000
Aviation / Aerospace Firms	800000
Water Treatment / Waste Management	800000
Brewery / Distillery	750000



Relationship Between Min. Experience And Min. Pay



Relationship Between Max. Experience And Max. Pay



Thank You

