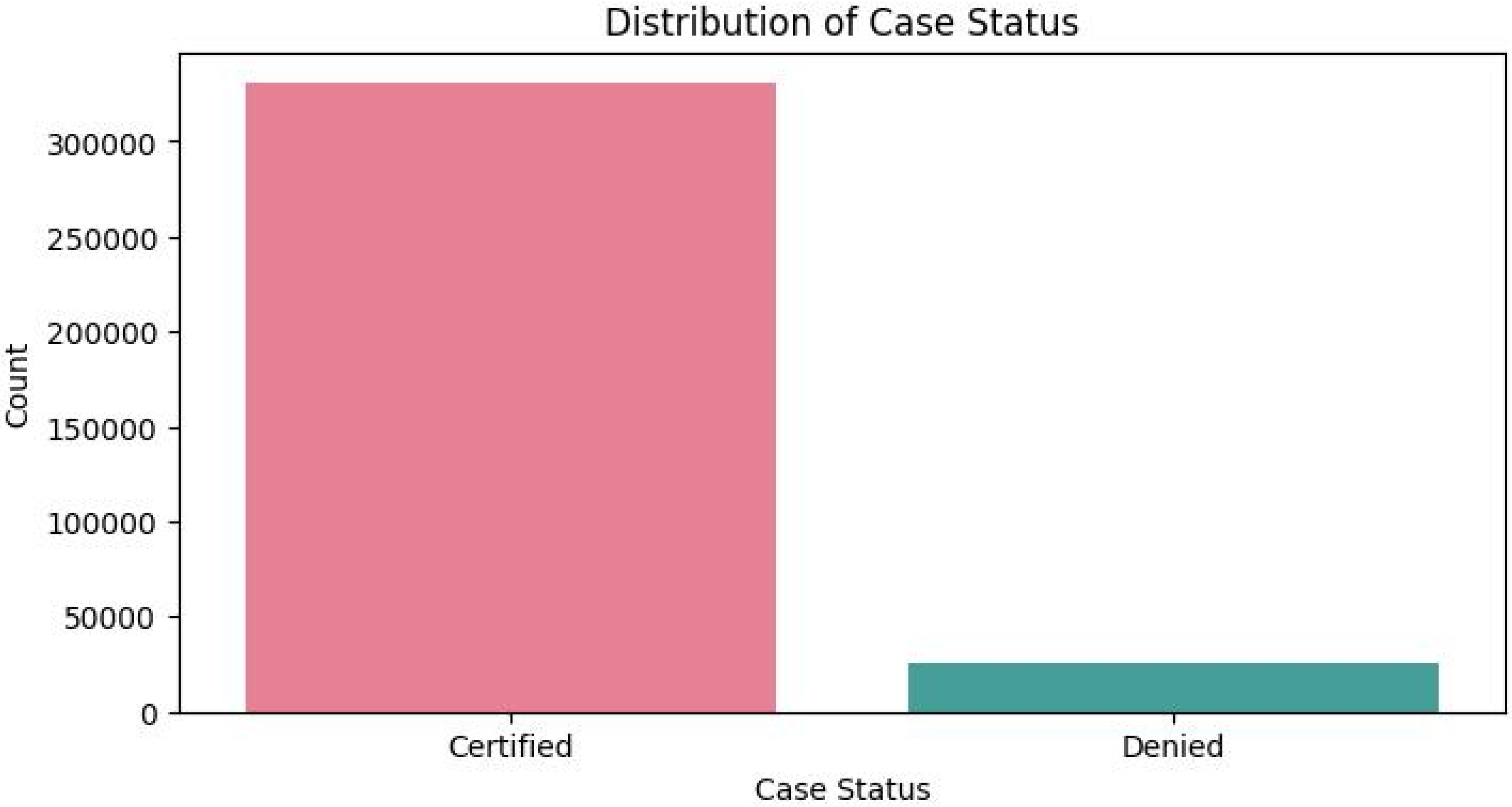
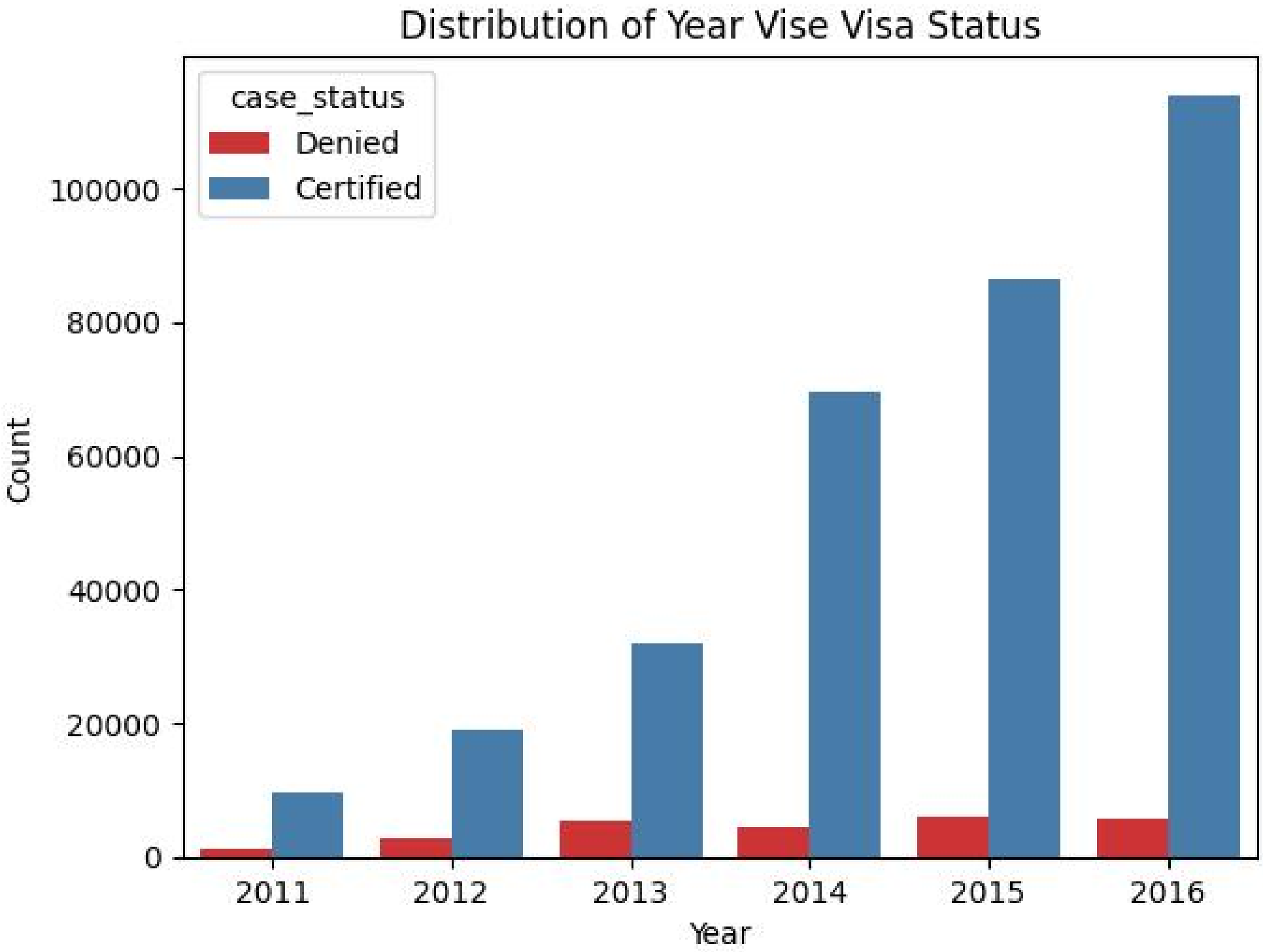
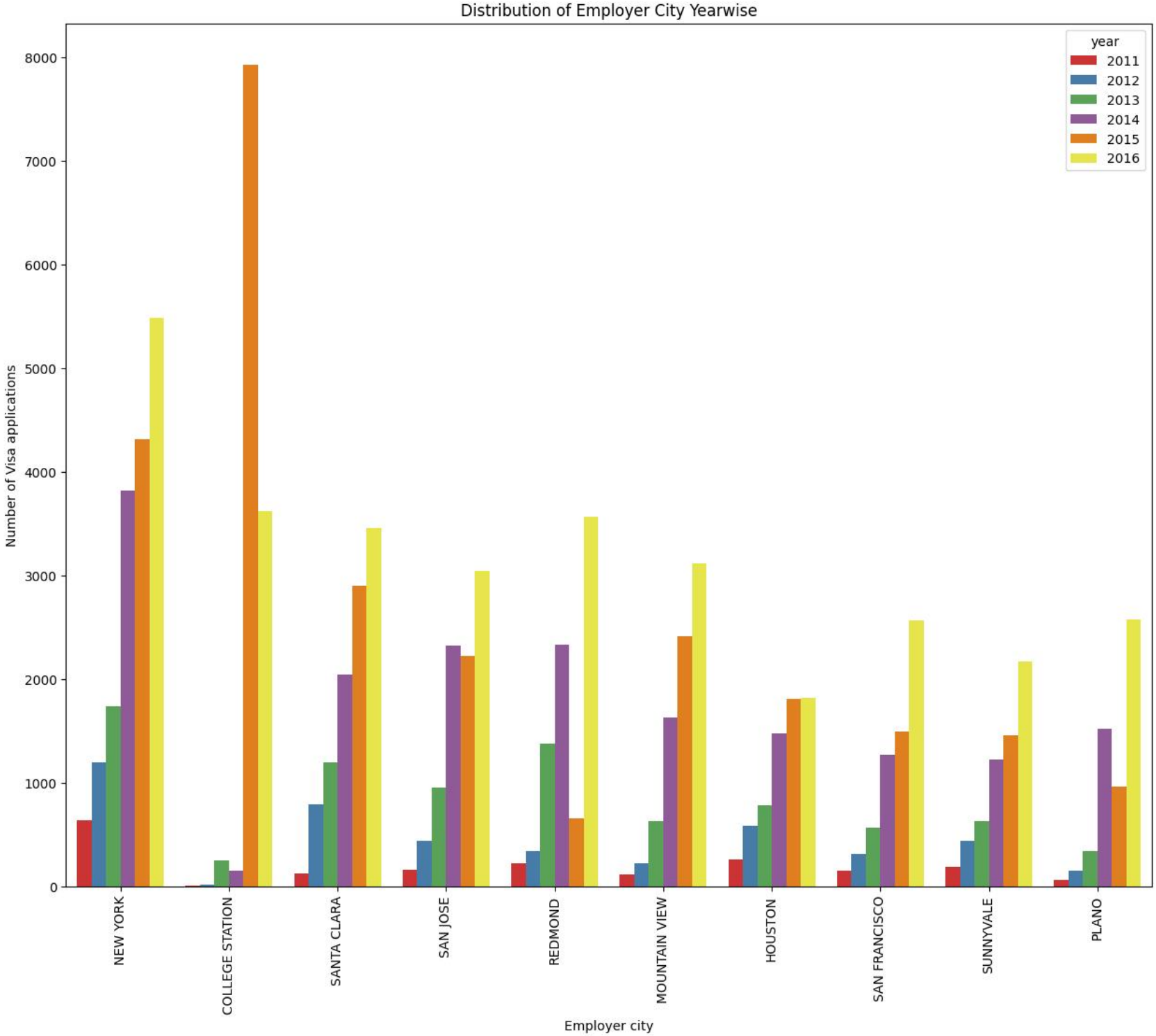
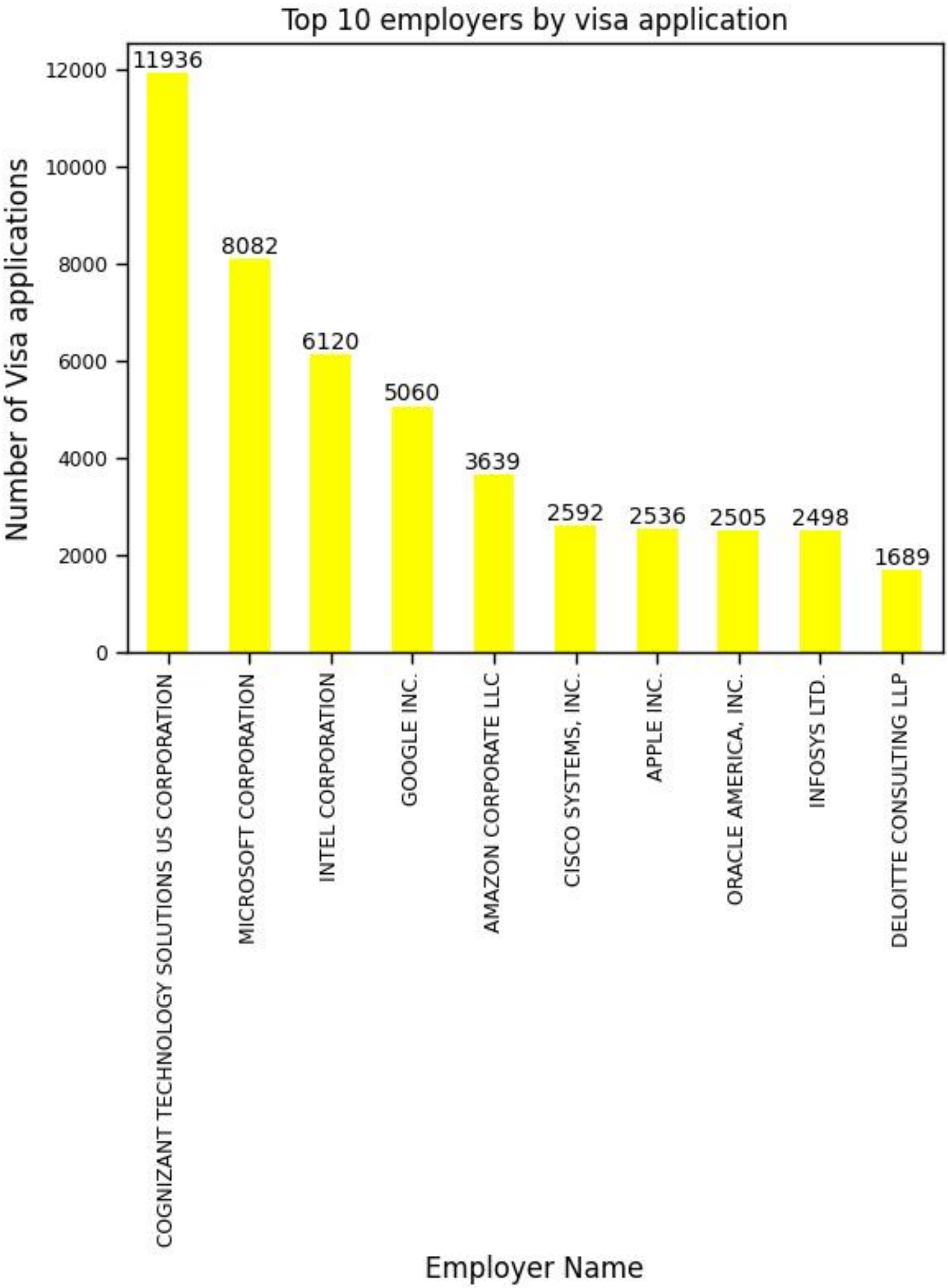
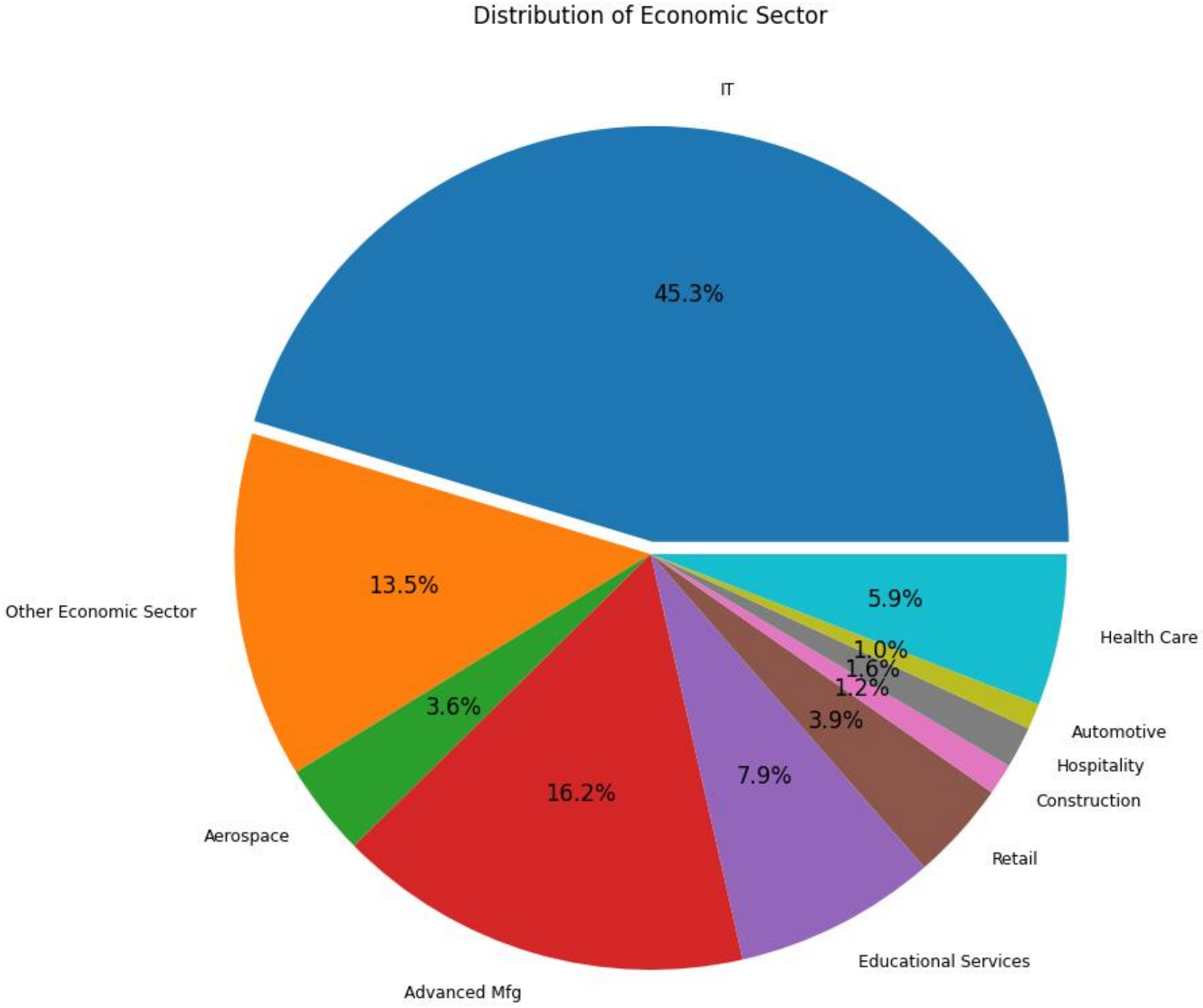
Python Project on EDA of US Visa

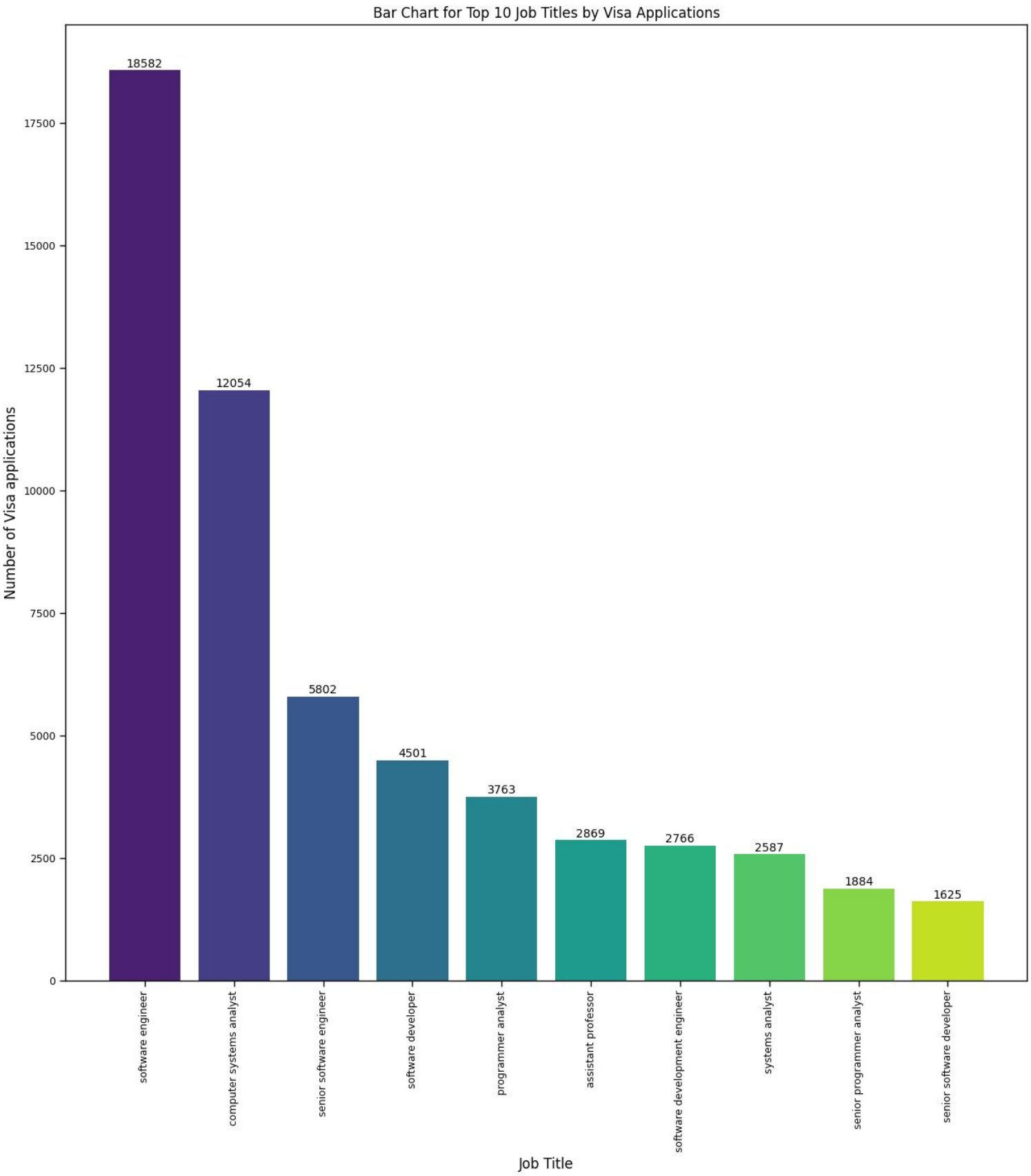


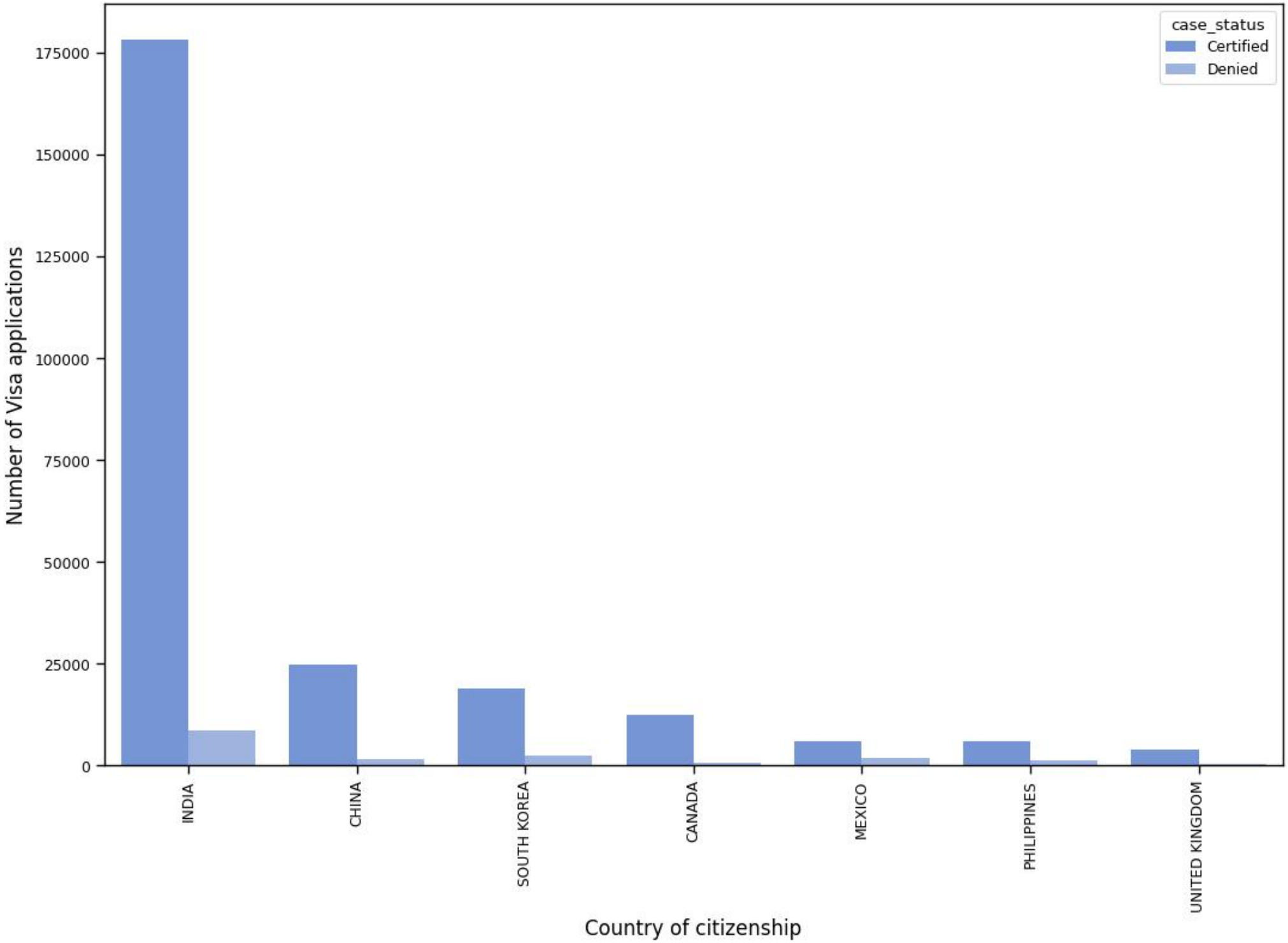

Distribution of Year Vise Visa Status
case_status
Denied
Certified
100000
80000
60000
40000
20000
0
Count
2011
2012
2013
2014
2015
2016
Year

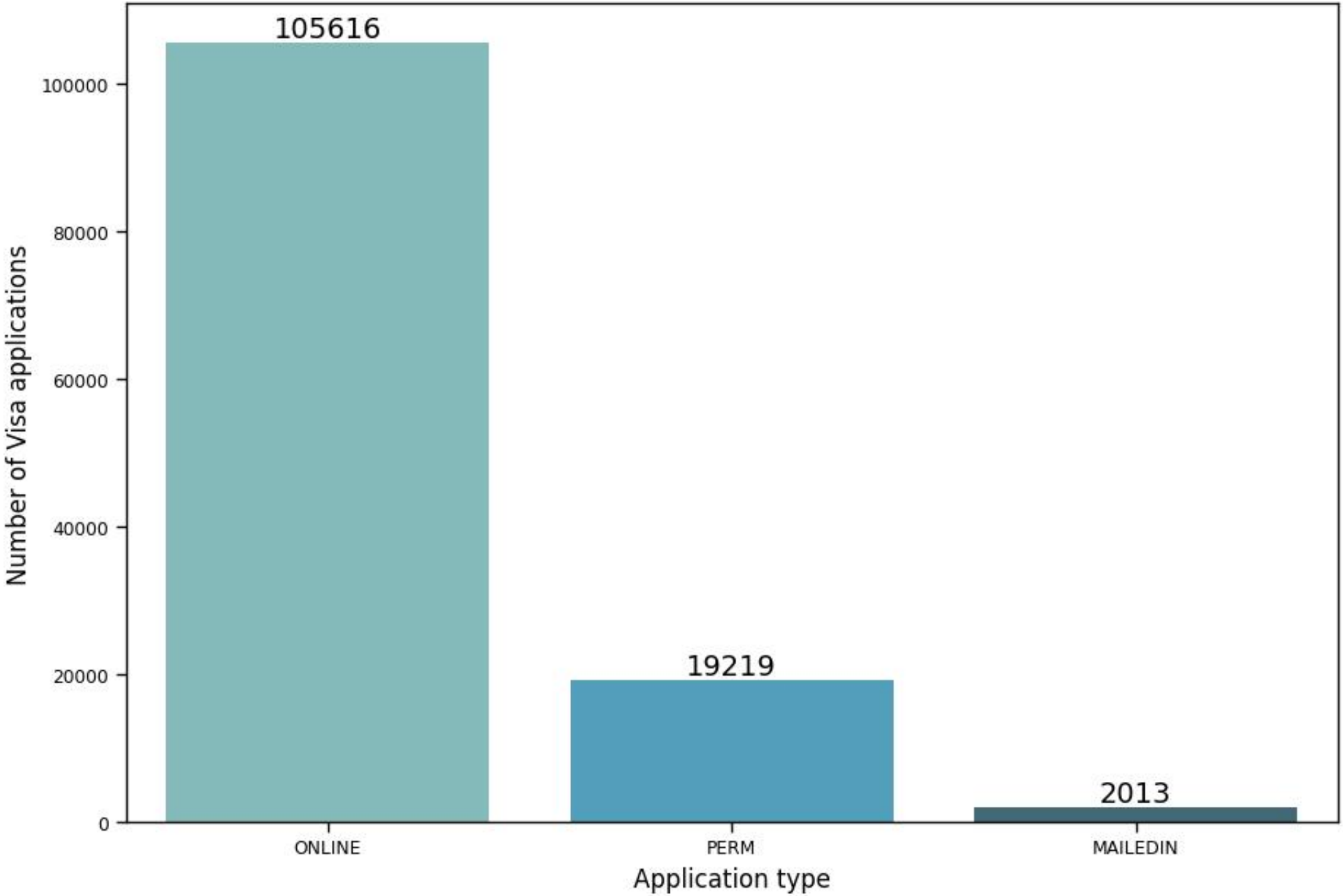

Distribution of Employer City Yearwise
year
2011
2012
2013
2014
2015
2016
Number of Visa applications
0
1000
2000
3000
4000
5000
6000
7000
8000
NEW YORK
COLLEGE STATION
SANTA CLARA
SAN JOSE
REDMOND
MOUNTAIN VIEW
HOUSTON
SAN FRANCISCO
SUNNYVALE
PLANO
Employer city

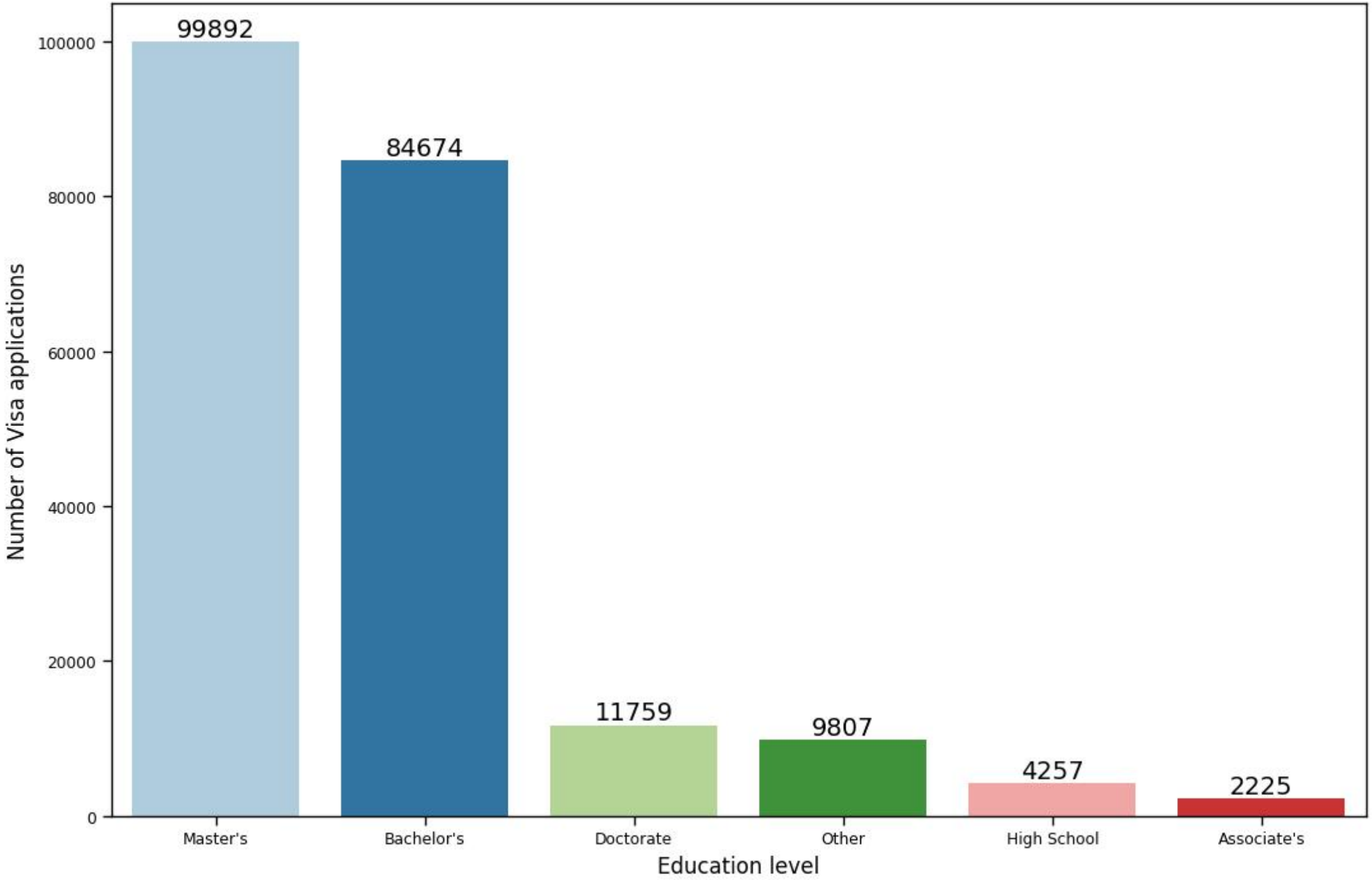

Top 10 employers by visa application
Number of Visa applications
Employer Name
0
2000
4000
6000
8000
10000
12000
11936
8082
6120
5060
3639
2592
2536
2505
2498
1689
COGNIZANT TECHNOLOGY SOLUTIONS US CORPORATION
MICROSOFT CORPORATION
INTEL CORPORATION
GOOGLE INC.
AMAZON CORPORATE LLC
CISCO SYSTEMS, INC.
APPLE INC.
ORACLE AMERICA, INC.
INFOSYS LTD.
DELOITTE CONSULTING LLP


Distribution of Economic Sector
IT
45.3%
Other Economic Sector
13.5%
Aerospace
3.6%
Advanced Mfg
16.2%
Educational Services
7.9%
Retail
3.9%
Construction
1.2%
Hospitality
1.6%
Automotive
1.0%
Health Care
5.9%


Bar Chart for Top 10 Job Titles by Visa Applications
Number of Visa applications
Job Title
0
2500
5000
7500
10000
12500
15000
17500
18582
12054
5802
4501
3763
2869
2766
2587
1884
1625
software engineer
computer systems analyst
senior software engineer
software developer
programmer analyst
assistant professor
software development engineer
systems analyst
senior programmer analyst
senior software developer


case_status
Certified
Denied
Number of Visa applications
175000
150000
125000
100000
75000
50000
25000
0
INDIA
CHINA
SOUTH KOREA
CANADA
MEXICO
PHILIPPINES
UNITED KINGDOM
Country of citizenship


105616
19219
2013
100000
80000
60000
40000
20000
0
Number of Visa applications
ONLINE
PERM
MAILEDIN
Application type


99892
84674
11759
9807
4257
2225
100000
80000
60000
40000
20000
0
Number of Visa applications
Master's
Bachelor's
Doctorate
Other
High School
Associate's
Education level