

The rank of Top 100 for US University

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Data source

<https://www.kaggle.com/chris95cam/forbes-americas-top-colleges-2019>

Introduction

Starting in 2008, every year Forbes Magazine publishes a list of America's best colleges. Schools are ranked based on alumni salary (20%), student satisfaction (20%), debt (20%), American leaders (15%), on time graduation rate (12.5%), and academic success (12.5%). This data can help us to know about more factor affecting university ranking.

Description

- Rank: College ranking by Forbes Magazine, based on alumni salary, student satisfaction, student debt, American leaders, on-time
- Name: Name of the college
- City: City where campus is located
- State: State where campus is located
- Public.Private: Whether school is publicly or privately funded
- Undergraduate.Population: Number of enrolled undergraduate students
- Student.Population: Total number of students enrolled
- Net.Price: Average cost for one year of education subtracting any financial aid received by the students
- Average.Grant.Aid: Average amount of money students receive each year to help pay for college, from sources such as the government
- Total.Annual.Cost: Total cost of tuition, room and board, and any additional fees that the college charges per year
- Alumni.Salary: Median salary for workers with 10 or more years of experience (payscale.com)
- Acceptance.Rate
- SAT.Lower : Average first quartile composite SAT score
- SAT.Upper : Average third quartile composite SAT score
- ACT.Lower : Average first quartile composite ACT score
- ACT.Upper : Average third quartile composite SAT score
- Website : College website url

Read data

```
df <- read.csv("./ForbesAmericasTopColleges2019.csv")
head(df)
```

##	Rank	Name	City	State	Public.Private
## 1	1	Harvard University	Cambridge	MA	Private
## 2	2	Stanford University	Stanford	CA	Private
## 3	3	Yale University	New Haven	CT	Private

## 4	4	Massachusetts Institute of Technology	Cambridge	MA	Private		
## 5	5	Princeton University	Princeton	NJ	Private		
## 6	6	University of Pennsylvania	Philadelphia	PA	Private		
##		Undergraduate.Population	Student.Population	Net.Price	Average.Grant.Aid		
## 1		13844	31120	14327	49870		
## 2		8402	17534	13261	50134		
## 3		6483	12974	18627	50897		
## 4		4680	11466	20771	43248		
## 5		5659	8273	9327	48088		
## 6		13437	25367	24242	44801		
##		Total.Annual.Cost	Alumni.Salary	Acceptance.Rate	SAT.Lower	SAT.Upper	ACT.Lower
## 1		69600	146800	5	1460	1590	32
## 2		69109	145200	5	1390	1540	32
## 3		71290	138300	7	1460	1580	32
## 4		67430	155200	7	1490	1570	33
## 5		66150	139400	6	1430	1570	31
## 6		71715	133900	9	1420	1560	32
##		ACT.Upper	Website				
## 1	35	www.harvard.edu					
## 2	35	www.stanford.edu					
## 3	35	www.yale.edu					
## 4	35	web.mit.edu					
## 5	35	www.princeton.edu					
## 6	35	www.upenn.edu					