



GRADGRADER

"WHEN ADMISSION GOES WRONG, NOTHING GOES RIGHT"

NILUFER POLAT



PROBLEM



Finding the best grad school for yourself



Different factors



Expensive: both time & money wise





PROBLEM





Purdue University	Computer Science, Masters (S16)	Accepted via E-mail on 12 Dec 2015	I	12 Dec 2015	IIT Kanpur CSE no papers, 1 yr work experience, no fin aid.
The University Of Pennsylvania (Upenn)	(Computer Science), Masters (F16)	Accepted via E-mail on 11 Dec 2015	I	11 Dec 2015	report spam Oh great news. Life has moved in right direction.
University Of Texas, Dallas	Computer Science, Masters (F16)	Accepted via E-mail on 3 Dec 2015			Undergrad GPA: 3.40 GRE General (V/Q/W): 153/166/4.00 GRE Subject: n/a erequisites. SAFE OPTION
UPenn (University Of Pennsylvania)	Computer Science, Masters (F16)	Rejected via Website on 10 Dec 2015	I	10 Dec 2015	Good research experience. One publication. Non-CS undergrad.

Can we make this data more useful?

MAJOR: COMPUTER SCIENCE

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thegradcafe.com 
where something is always brewing

DATA



PREPROCESSING DATA



PREPROCESSING
DATA

TRANSFORMING
DATA

PREPROCESSING
DATA



TRANSFORMING
DATA



MODELING
DATA

RANDOM FOREST CLASSIFIER

RESULTS

86% accuracy
on test set

Most Significant Features

1. GPA
2. Verbal GRE
3. Quantitative GRE
4. Writing GRE



GRE Quantitative: 166



GRE Verbal: 155



GRE Writing: 4.5



GPA: 2.9



Status: American

American 


Subject GRE: Yes

Yes 

M.S./Ph.D.?: M.S.

M.S. 

Semester: Fall

Fall 



Keep in mind: Test scores and grades are somewhat important; bad scores and grades are enough to keep you out, but great scores and grades are not enough to get you in.

Probability of getting accepted:

35.9%

University: University of Washington

University of Washington





Keep in mind: Test scores and grades are somewhat important; bad scores and grades are enough to keep you out, but great scores and grades are not enough to get you in.

Probability of getting accepted:

70.0%

University: Northeastern University

Northeastern University





FUTURE STEPS

- Clustering for more precise outputs
- Recommendation



THANK YOU

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