

## GRADGRADER

"When Admission goes Wrong, Nothing Goes Right"

NILUFER POLAT



- Finding the best grad school for yourself
- Oifferent factors
- Expensive: both time & money wise







Purdue University	Computer Science, Masters (S16)	Accepted via E-mail on 12 Dec 2015		5 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 •		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 / <b>W</b> ): 153/166/4.00	erequisites. SAFE OPTION
UPenn (University Of Pennsylvania)	Computer Science, Masters (F16)	Rejected via Website on 10 Dec 2015			rience. One publication. Non-CS undergrad.

## Can we make this data more useful?

### MAJOR: COMPUTER SCIENCE

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# PREPROCESSING DATA



PREPROCESSING DATA

TRANSFORMING DATA





MODELING DATA

# RANDOM FOREST CLASSIFIER RESULTS

Most Significant Features

86% accuracy on test set

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







#### GRE Verbal: 155



#### GRE Writing: 4.5



#### **GPA: 2.9**



#### **Status: American**

#### **Subject GRE: Yes** American Yes 🗘

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

M.S.

#### Semester: 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%

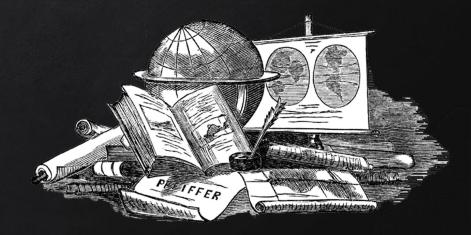
**University: Northeastern University** 

Northeastern University





- □ Clustering for more precise outputs
- Recommendation



## THANK YOU

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