You're probably an asshole.

Flying Etiquette

Dangaia Sims

Question

Who will recline their seat on an airplane?

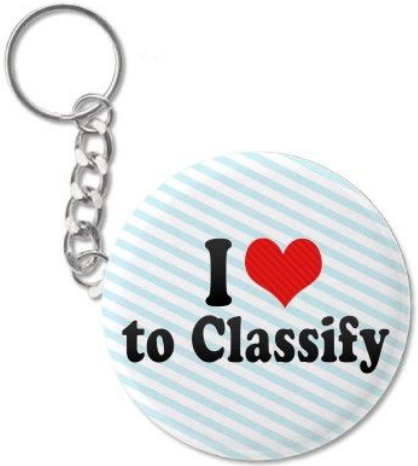
Data

- FiveThirtyEight
- Survey

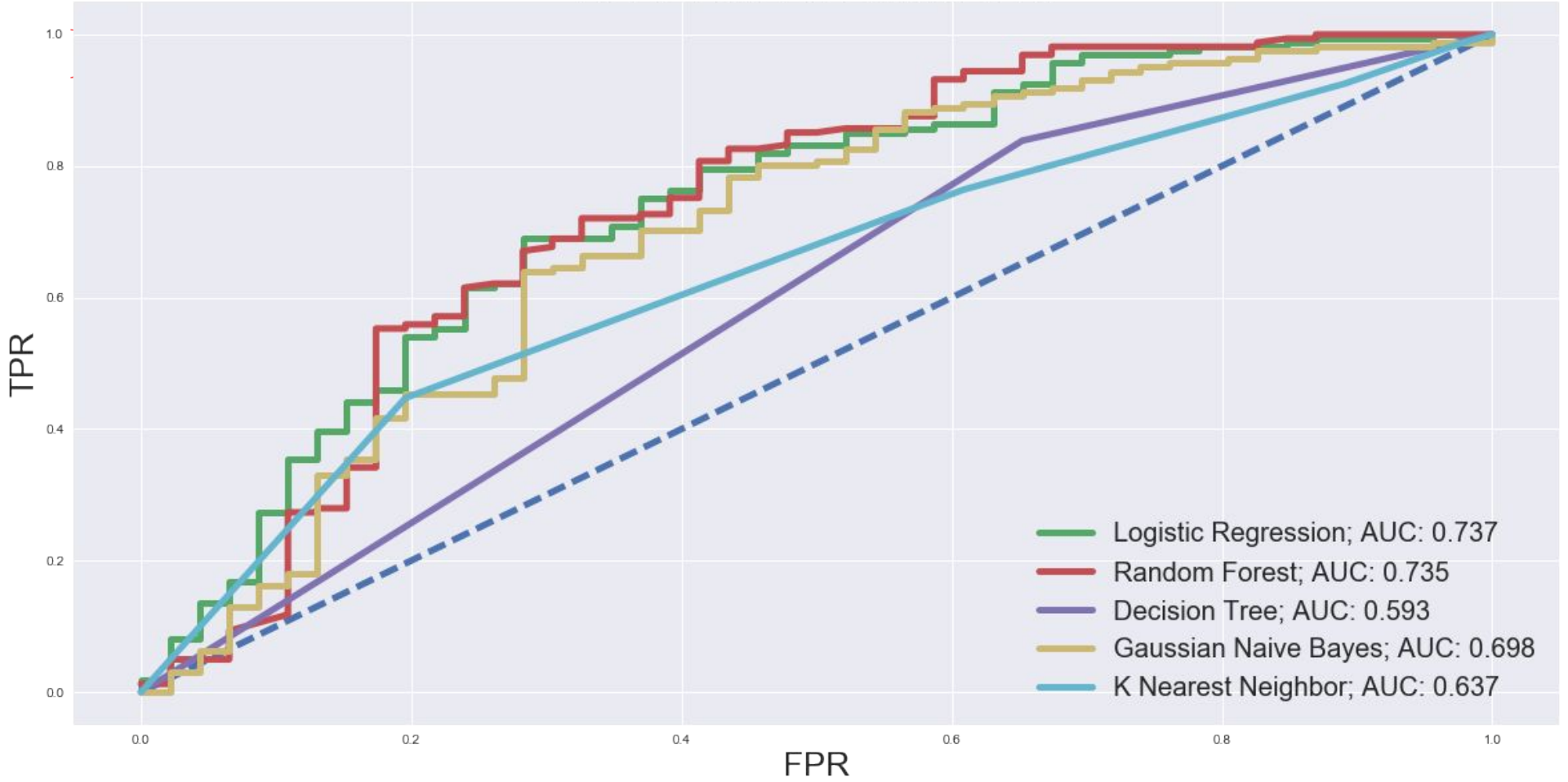
FiveThirtyEight

Analyses

- Classification
- Missing data?



ROC Curves and AUC



Model

- Random Forest
  - Accuracy = 0.82

Tools

- Flask
- D3.js
- Prayer

Three Arm Rests
Unruly Children
Income
Electronics
Wake Walk
Friends Switch
Children
Height
Get Up
Two Arm Rests
Gender
Move Unsold
Baby
Age
Recline Obligation
Education
Family Switch
Wake Bathroom
Shades
Speak
Plane Travel Amount

DEMO

Next Steps

- Increase data points
- Missing data imputation
- Feature selection
- Improve visualizations

Thanks!
Questions?

Team Asshole

- (not) Jeremy
- Susmita
- Jannie (and also possibly racist?)
- Mariya
- Ashley
- Dangaia (whatever it's only 82% accurate)

Team Acceptable

- Paul
- Zach
- Nathan
- Seth (this test is definitely broken)