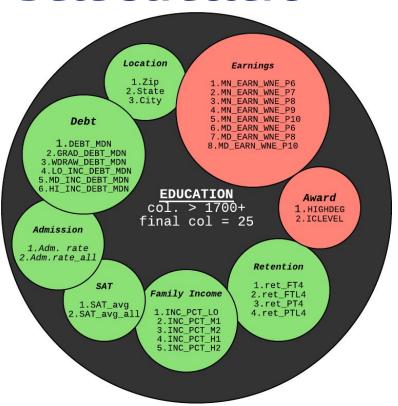
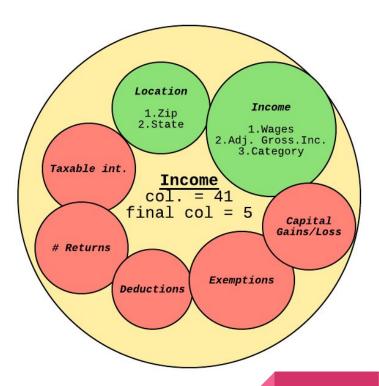
# **Education and Income**

#### **Data Structure**





## Questions

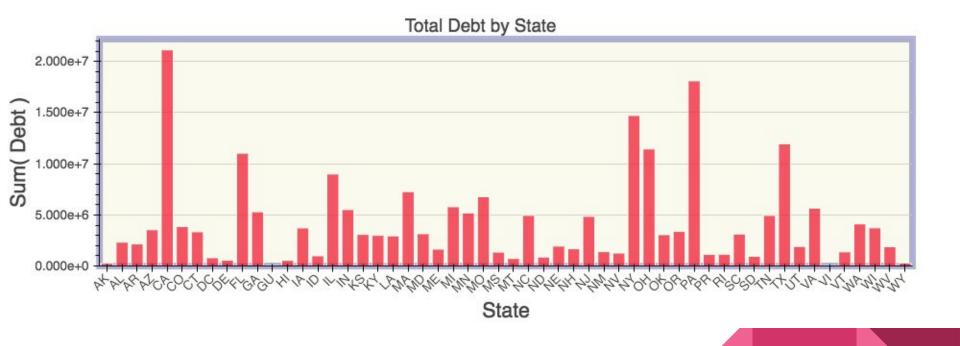
- 1. Do wealthy people send their children to particular schools?
- 2. Which campuses are located in wealthy neighborhoods?
- 3. Students at which schools have the most debt?
- 4. Which schools have the lowest admissions rates?

#### Spare\_State\_Zip\_id Location1 D Location D Spare\_State\_zip\_id (PK) location\_id (PK) location\_id (PK) State State Zip State\_zip\_id (FK) Zip Spare\_State\_zip\_id Retention D **Education Fact** Income\_Fact retention id (PK) Institute Name Agi ret\_ft4 year\_id Wages Year D debt id year id ret ftl4 Year\_id (PK) ret\_pt4 location\_id location id fam income id ret\_ptl4 income id admission id retention id sat\_id Admission D admission id (PK) adm rate adm rate all Income Level D income\_id (PK) level Fam income D SAT Scores D Debt D debt id (PK) fam income id (PK) sat id (PK) debt\_mdn inc\_lo SAT\_Avg inc m1 SAT Avg all grad debt mdn inc m2 wdraw debt mdn lo inc debt mdn inc h1 Ri inc debt mdn inc\_h2 md\_inc\_debt\_mdn

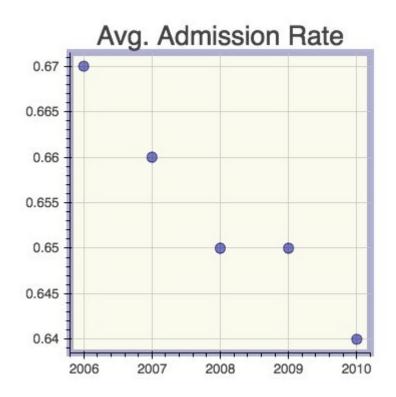
#### Schema Design

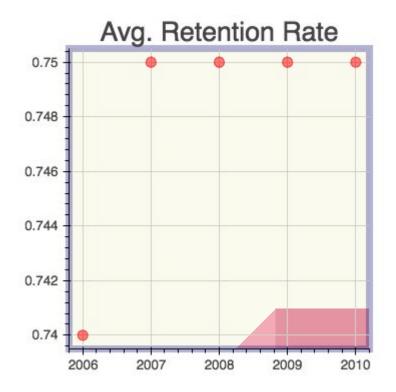


#### **FAFSA Debts**

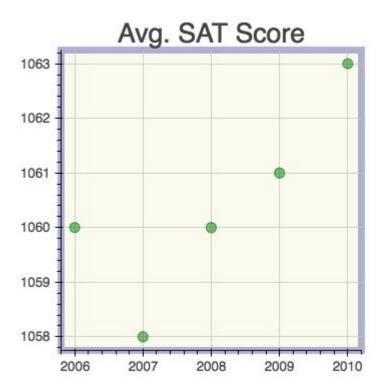


### **Admission | Retention**

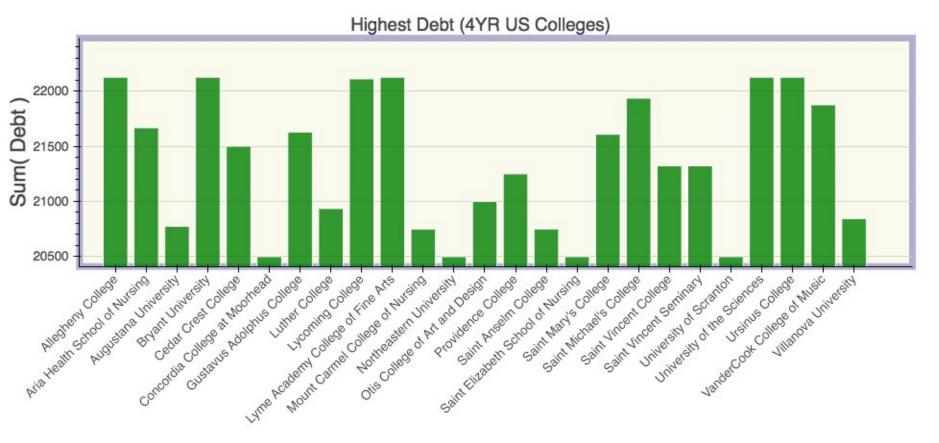




### Rising SAT Scores?

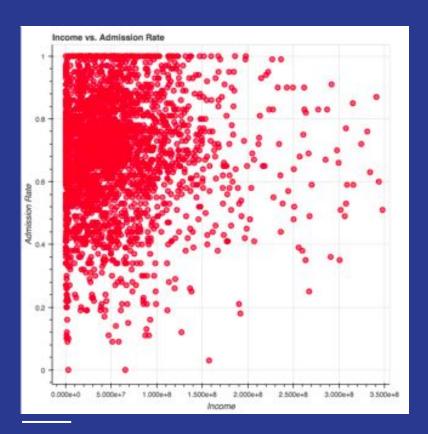


ins_name	average_high_income_pct
Jewish Theological Seminary of America	0.5
Washington and Lee University	0.5
University of Notre Dame	0.45
Saint Joseph's University	0.44
College of the Holy Cross	0.43
Villanova University	0.43
Elon University	0.43
Muhlenberg College	0.43
Providence College	0.42
Stonehill College	0.42



Ins\_Name

# How does income relate?



# Q&A