

# Research Design and Analysis I

EDUC/PSY 6600

Unit 0

**Welcome**

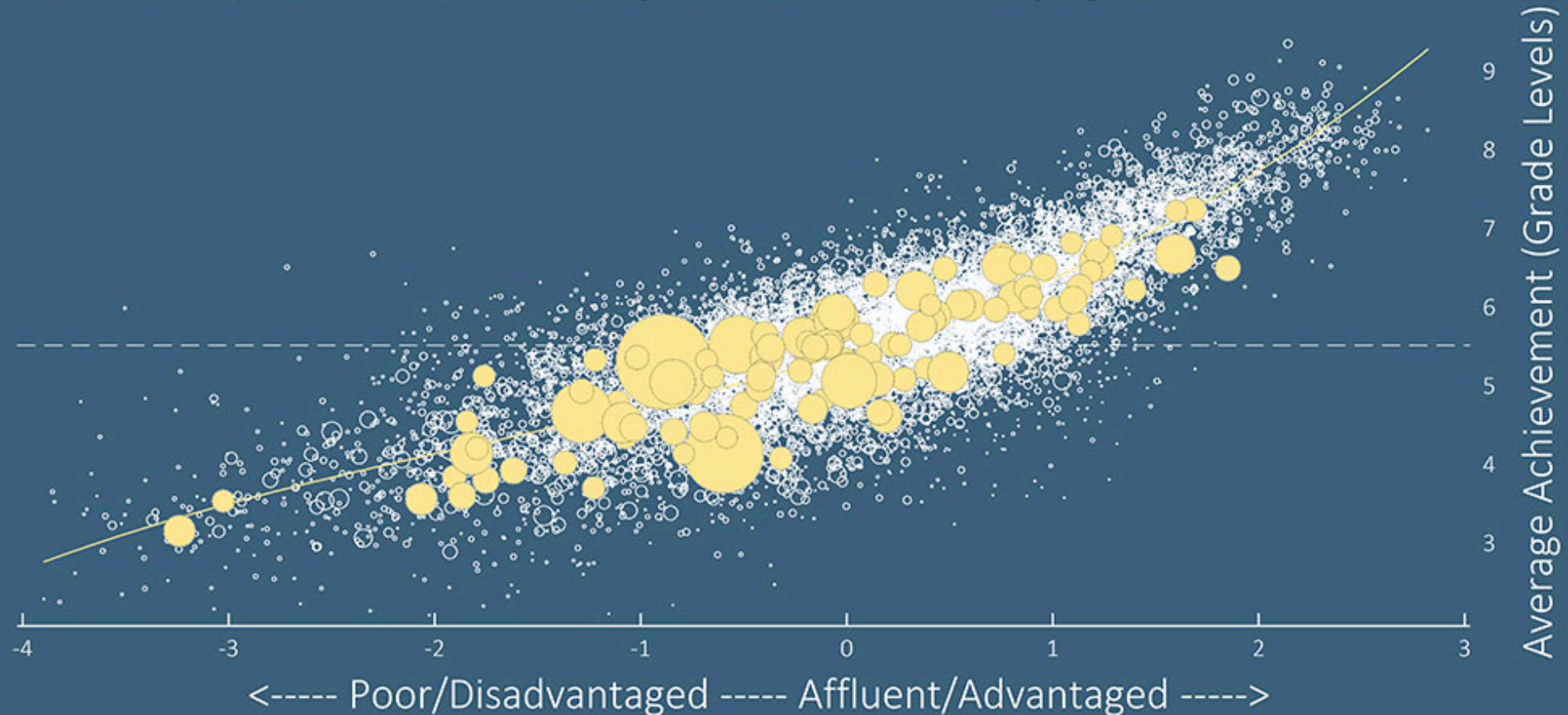
**Data, Data, Data, Data, Data, ...**

Tesla Autopilot

# Data, Data, Data, Data, Data, . . .

Academic Achievement and Socioeconomic Status

US School Districts, 2009-2015; 100 Largest US School Districts Highlighted



**Data, Data, Data, Data, Data, ...**

Health Care Policy and Cost

# Data are/is Cool

“In God we trust. All others must bring data.”

W. Edwards Deming

“It is a capital mistake to theorize before one has data.”

Sherlock Holmes, “A Study in Scarlett” (Arthur Conan Doyle).

“You can have data without information, but you cannot have information without data.”

Daniel Keys Moran

# Purpose of this course

Develop quantitative skills

Prepare you for:

1. Your **thesis**
2. Your **career**



# What is expected of you

- **Attend** and **participate** in class
- **Prepare** for class (readings before class)
- **Professional** correspondence with colleagues
- Use assignments to learn
- **Ask** questions
- **Communicate** with me



# Who am I?

Research Assistant  
Professor

EDUC 456

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Office Hours: 2:00 – 3:15 MW

I love Southern Utah (red rocks!)

Huge fan of The Office / Parks and Recreation

Also, I have webbed-toes.

And, I'm clearly fun →



# Syllabus

<https://tysonbarrett.com/syllabus/educ6600>