

COMP 333 — Week 9 Welcome

Exploratory Data Analysis

In Week 8 and Week 9 (this lecture) we cover Exploratory Data Analysis(EDA).

EDA involves Data Wrangling, including Data Cleaning

EDA involves repeated Descriptive Data Analysis (DDA)

EDA is about *exploring* the data,
the relationships between variables,
to gain *insight*
so you can answer your questions
and achieve your goals.

EDA builds *models* to capture the insight
to predict outcomes in new situations
as aids to decision-making.

This week we cover

- ▶ Feature Engineering
- ▶ Models
 - ▶ Regression
 - ▶ Classification
 - ▶ Prediction
 - ▶ Simulation

READ the files marked READ.

For these topics, it is worthwhile to also read/watch the supplementary material.

All the best, Greg.