

# MAT013 - SAS/R

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**SAS ranks #1**  
best place to work in the world



The image features a group of approximately ten diverse SAS employees smiling and looking upwards. Below them is a blue banner with the text "SAS ranks #1 best place to work in the world". In the bottom right corner of the banner is a circular award logo for "GREAT PLACE TO WORK WORLD'S BEST MULTINATIONAL WORKPLACES 2012".

R



# Users

- ▶ SAS
  - ▶ BNP Paribas, Lloyds, ...
  - ▶ Verison, Vodafone, ...
  - ▶ Expedia, Photobucket, ...
- ▶ R
  - ▶ ANZ, Lloyd's, ...
  - ▶ Facebook, Google, ...
  - ▶ Okcupid, New Scientist, ...

And many more...

# Course Content

Taught in parallel:

SAS      R

C1: Introduction

C2: Basic Statistics

C3: Data Manipulation

C4: Programming

C5: Extras

# Format

4 Wednesdays:

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SAS: Class	0900
SAS: Lab	

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Break

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R: Class	
R: Lab	1300

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# Format

4 Wednesdays:

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SAS: Class	0900
SAS: Lab	

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Break

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R: Class	
R: Lab	1300

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+1 Wednesday

# Assessment

- ▶ Class test: 40%
- ▶ Group coursework: 30%
- ▶ Individual coursework: 30%

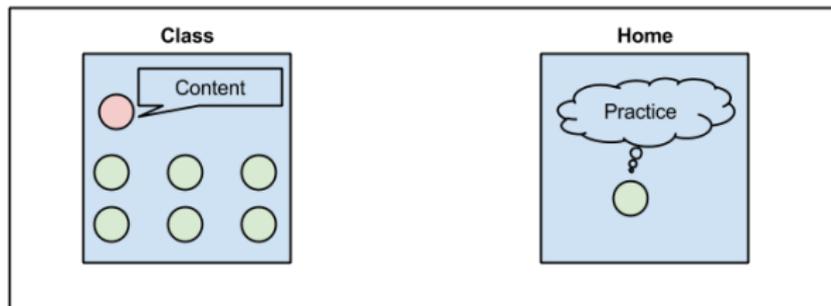
# Learning

Robert Lee Moore (1882-1972):

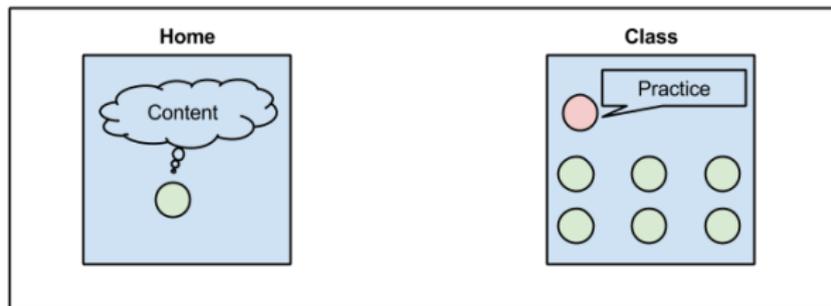
*"That student is taught the best who is told the least."*

# Learning

**Classic  
Classroom**



**Flipped  
Classroom**

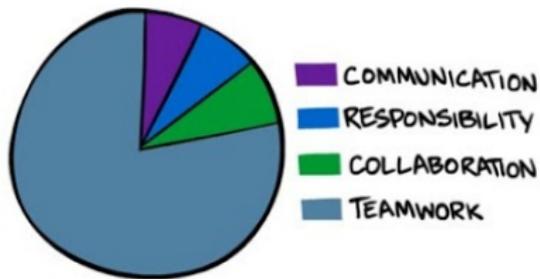


# Class



# Questions?

WHAT GROUP PROJECTS ARE  
SUPPOSED TO TEACH YOU



WHAT GROUP PROJECTS  
TAUGHT ME

