

## DAILY ASSESSMENT

Date:	21/07/2020	Name:	YAMUNASHREE N
Course:	Coursera	USN:	4AL17EC097
Topic:	Basic Statistics	Semester & Section:	6 <sup>TH</sup> SEM & B Section
Github Repository:	yamunashree-course		

## SESSION DETAILS

Basic Statistics > Week 2 > 2.01 Crosstabs and scatterplots

**Correlation**

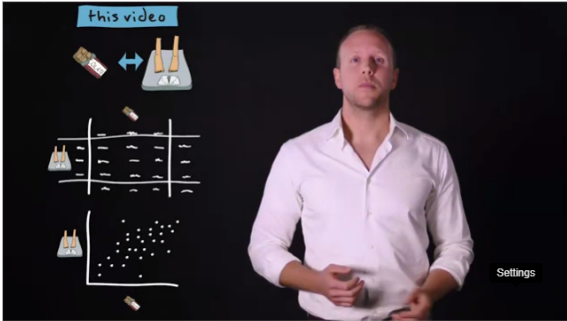
- ✓ Reading: Correlation 10 min
- ▶ Video: 2.01 Crosstabs and scatterplots 7 min
- ▶ Video: 2.02 Pearson's r 7 min

**Regression**

Caveats & examples

Review

### 2.01 Crosstabs and scatterplots



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Rectangular Snip



2.07 Example jency table

2.08 Example n's r and sion

ig: Reference

ig: Transcripts - rion and sion

Correlation and sion stions

External Tool: R

### 2.08 Example Pearson's r and regression

height approval rating

Obama	185	47.0
Bush jr	182	49.9
Clinton	188	55.1
Bush sr	188	60.9

1. Linear relationship?

Is there a linear relationship between the two variables?

scatterplot

After all, it would be silly to expect the leader to become taller once his or her president starts and

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## DAILY ASSESSMENT

Date:	21/07/2020	Name:	YAMUNASHREE N
Course:	Workshop	USN:	4AL17EC097
Topic:	How to develop Pythonic coding rather than Python coding	Semester & Section:	6 <sup>TH</sup> SEM & B Section
Github Repository:	yamunashree-course		

## SESSION DETAILS



REC

Badhusha Mohideen is presenting

## Introduction to Python

- Python - a general-purpose, interpreted, interactive, object-oriented and high-level programming language.
- Fastest growing open source Programming language
- Dynamically typed
- Versatile and can be adapted in DA, ML, GUI, Software & Web development
- It was created by **Guido van Rossum** during 1985-1990.

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How to develop Pythonic codin...

People (200) Chat (34)

Dhaval Acharya (You)

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Abhishek A

Abhishek M Shastri K

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Swastik Gowda

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REC

Badhusha Mohideen is presenting

## Python data types

Dynamically Typed: Python determines the data types of variable bindings in a program automatically.

But Python's not casual about types, it enforces the types of objects.

"Strongly Typed"

So, for example, you can't just append an integer to a string. You must first convert the integer to a string itself.

```
x = "the answer is " # Decides x is bound to a string.  
y = 23 # Decides y is bound to an integer.  
print (x + y) # Python will complain about this.  
print (x + str(y)) # correct
```

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