# Data Science I

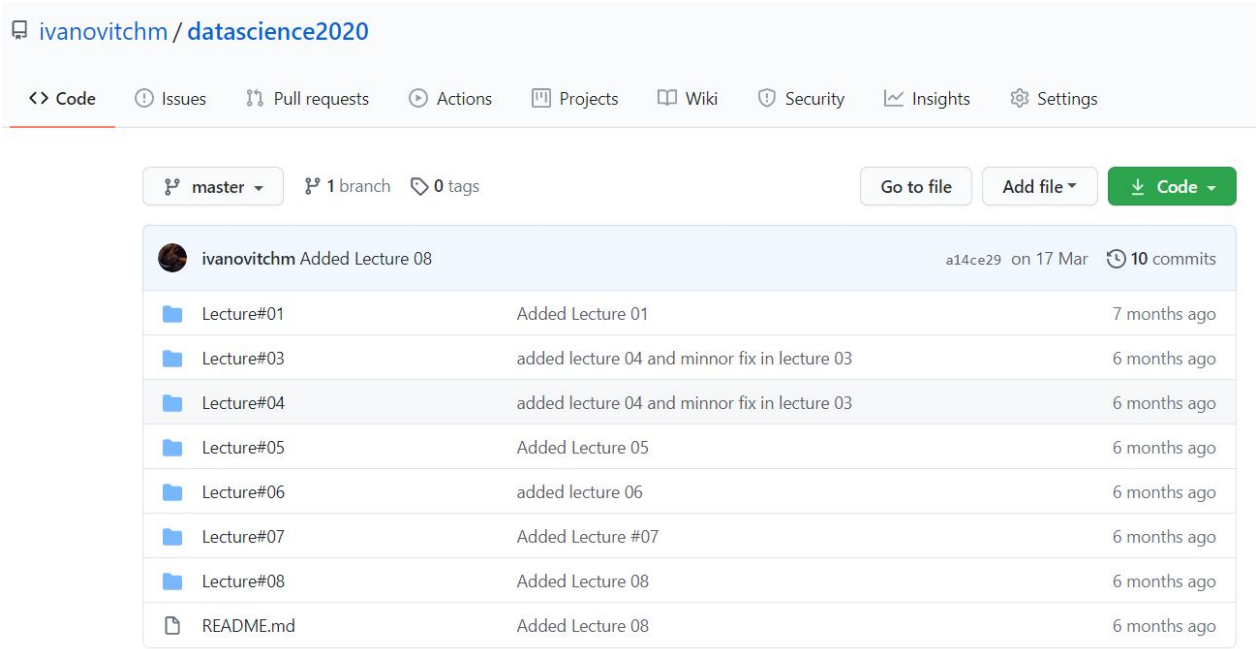
## A new starter

Lesson #01

177 dias

# IMD0905 - Data Science I - 2020.1

- Lecture #01
  - Outline & course directions
- Lecture #02
  - Plenary Talk
- Lecture #03
  - Data Science Fundamentals
  - Data Pipeline
  - Ethic by design
  - Platforms and tools
- Lecture #04
  - Pandas Fundamentals
  - The swiss army knife for Data Science
- Lecture #05
  - Slicing: loc vs iloc
  - Select from boolean operators
  - Aggregation
  - Loops in Pandas
- Lecture #06
  - Data Cleaning Basic
  - Encodings, cleaning columns, map, dropna
- Lecture #07
  - Practice Assignment
- Lecture #08
  - Data Aggregation with Pandas
  - Groupby vs Pivot Table



Google Meet

LIVE

https://www.loom.com/education

loom @ufrn.edu.br

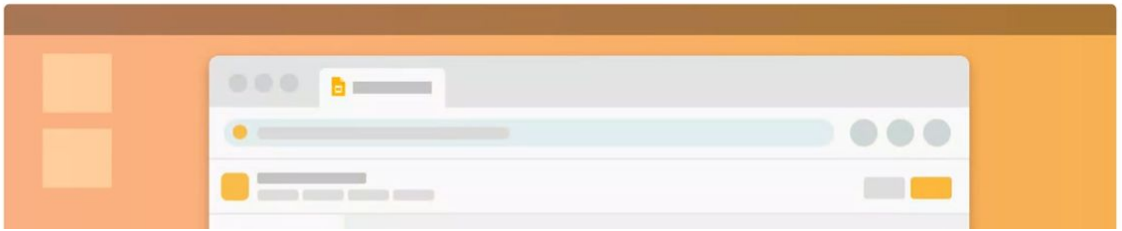
Use Cases Pricing About Us Sign In Get Loom For Free

# Say it with video

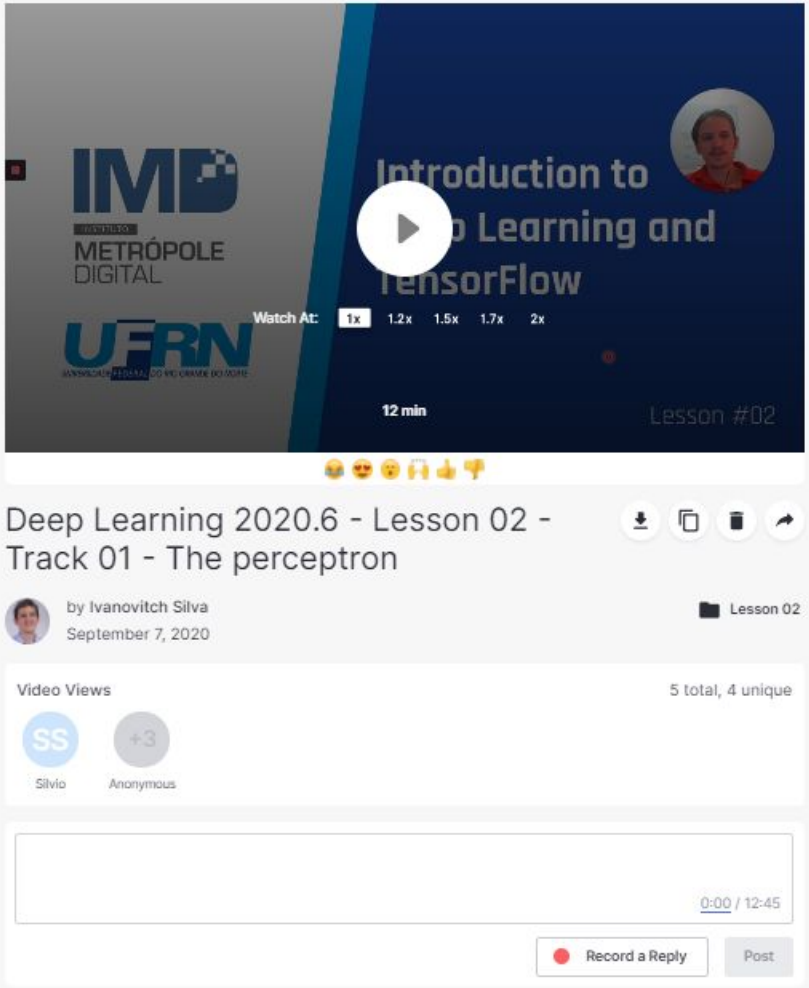
The expressiveness of video with the convenience of messaging.
Communicate more effectively wherever you work with Loom.

Get Loom for Free

For Mac, Windows, and iOS



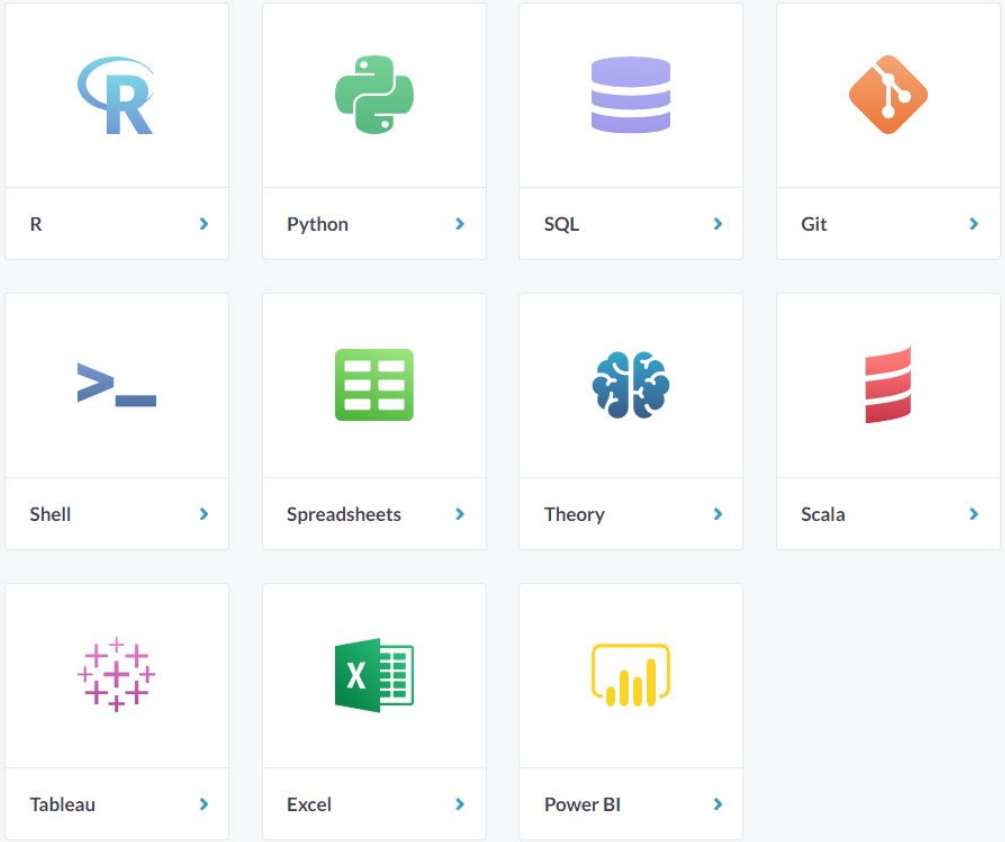
# How to interact in loom and highlight questions?



# DataCamp

http://bit.do/datacampDS

**Top #5 >> grade x 1.10**
**#6 to #10 >> grade x 1.05**
**min(30k xp)**



## Unit 01

08/09 to 12/10
Live class:  24/09, 08/10

1FP - One Figure Project
#01 and #02 (40%, 50%)
Medium (Loom is optional)

Two Notebooks (10%)

## Unit 02

13/10 to 16/11
Live class:  29/10, 10/11

1FP - One Figure Project
#03 and #04 (40%, 45%)
Medium (Loom is/is not optional)

Three Notebooks (15%)

## Unit 03

17/11 to 17/12
Live class:  TBD

Final Project
Medium + Loom
(80%)

Three Notebooks
(20%)