

# *First Gathering*

Data Engineering - Week 1





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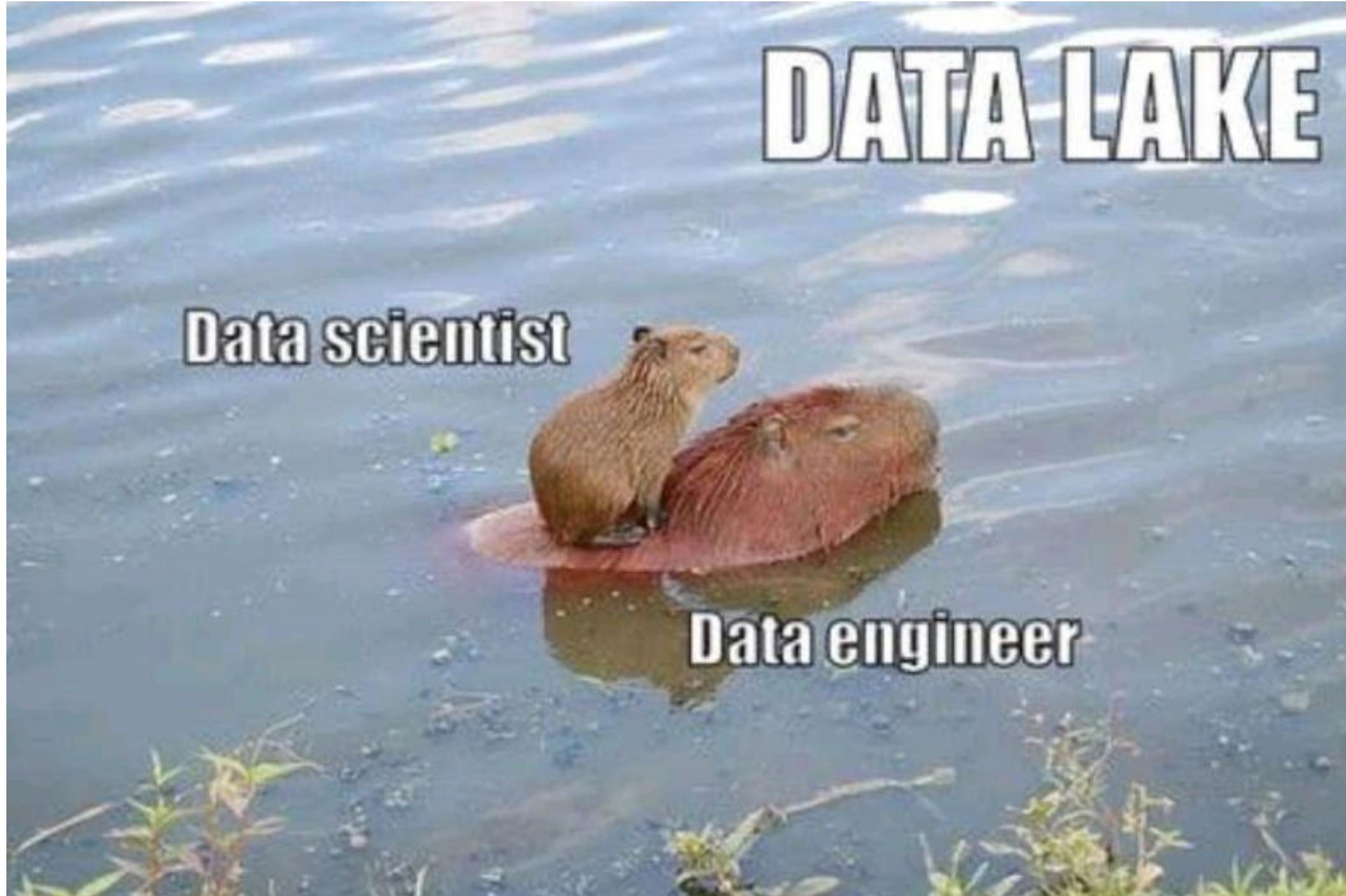


*Apa itu  
Data Engineering?*

Data engineering is the practice of **designing** and **building** systems for **collecting, storing**, and **analyzing data** at scale. (Coursera)

# Task

- Acquire **datasets** that **align** with **business** needs
- Develop algorithms to **transform data** into useful, **actionable information**
- Build, test, and maintain database **pipeline architectures**
- Create new data validation methods and data analysis tools



# Data engineering tools

## Data Storage



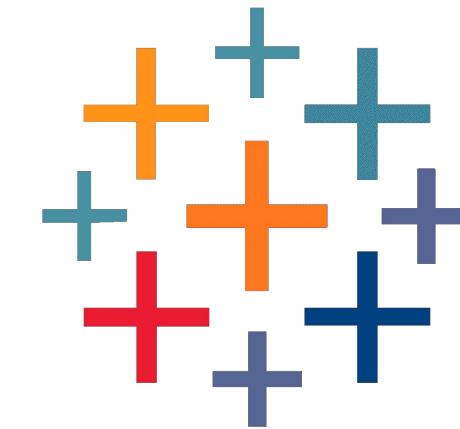
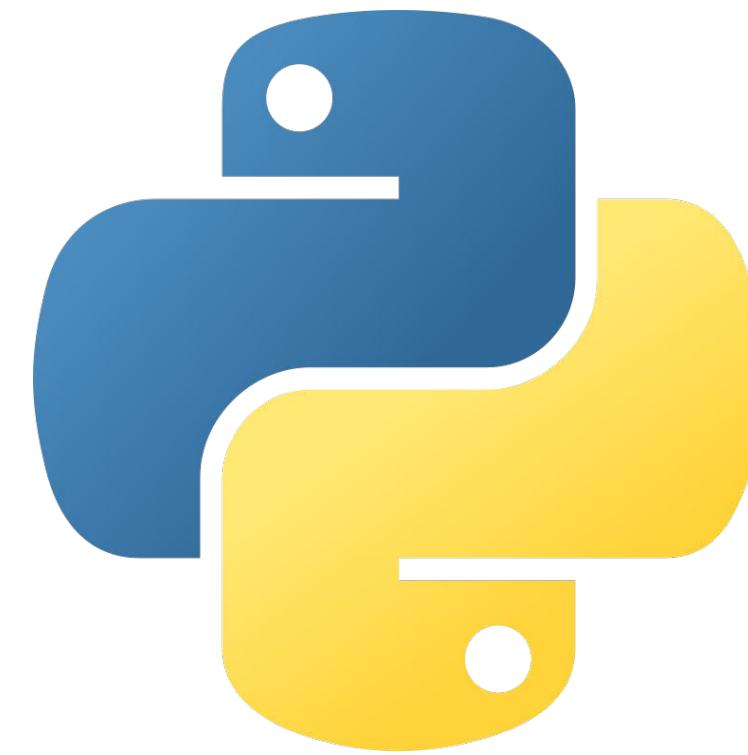
## Data Processing



## Orchestration



# Our Tools



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# TIMELINE

Sep



- Individual Touchpoint

Oct



- Python & Data Prep
- Data Scraping
- Data Visualization

Nov



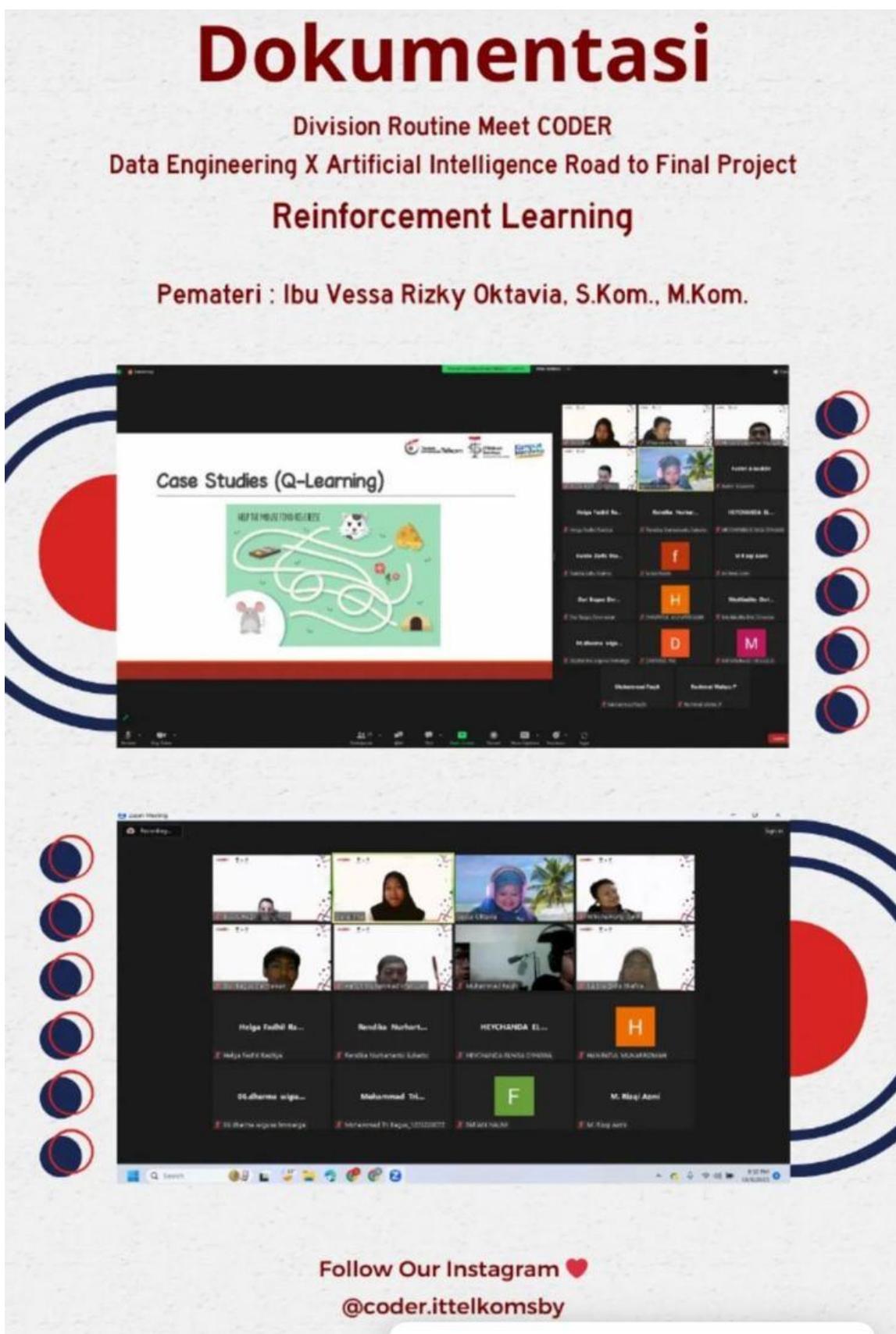
- Machine Learning
- Idea Forge (Final Project)

Dec

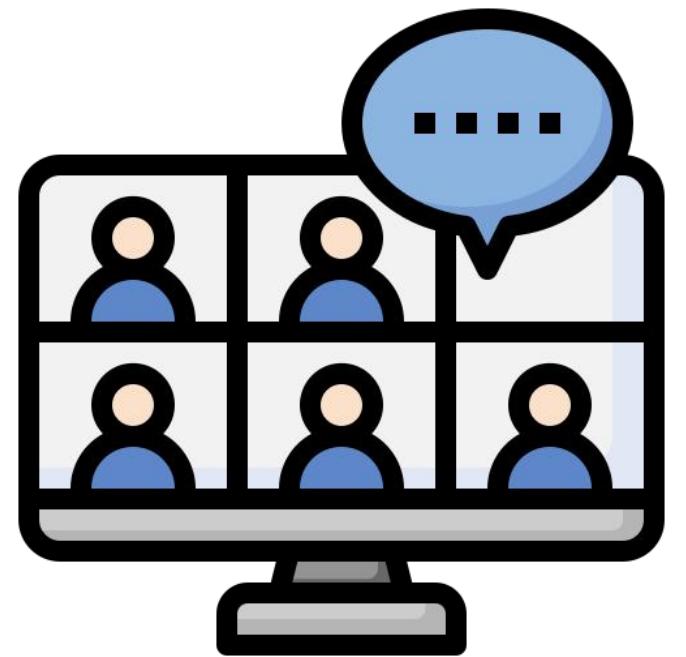


- Project Forge
- Project Showcase

# Old Reccap



# Learning Style



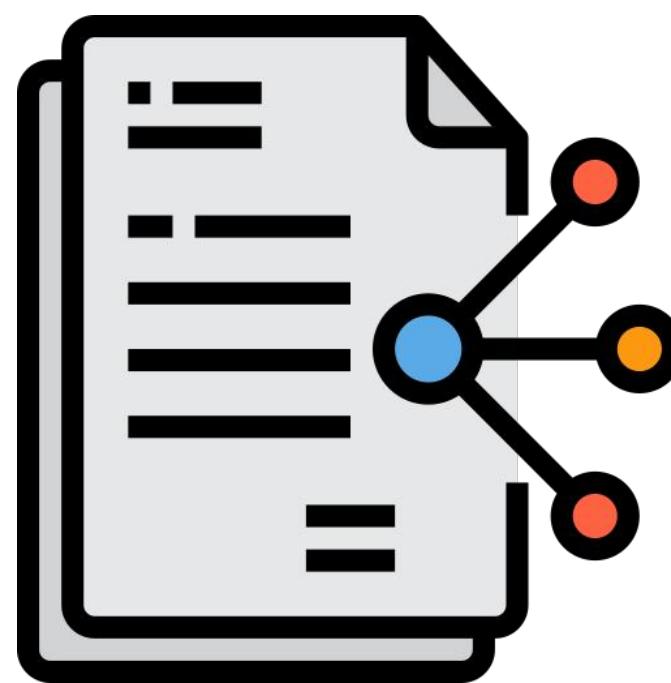
*Online*

60-120 minute



*Offline*

120 minute



*Weekly Sharing*

# Don't

1. Tidak mengikuti sesi tanpa ada konfirmasi
2. Terlambat mengumpulkan assignment
3. Meninggalkan sesi sebelum melakukan absensi

# Do

1. Sharing Informasi yang relevan di Grup
2. Bekerjasama ketika mendapat tugas berkelompok
3. Request Pemateri/ Materi

# LMS

***<https://coder-telkomsby.com/>***

# Feedback Form

***<https://upto.site/ff-dataeng>***

# Thank you

Don't forget to fill out the feedback form and click the attendance link