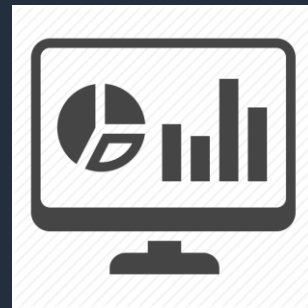




# MCIT PDSA Training

## Use Case 2: Social Media Analysis Dashboard

# What are we trying to build?

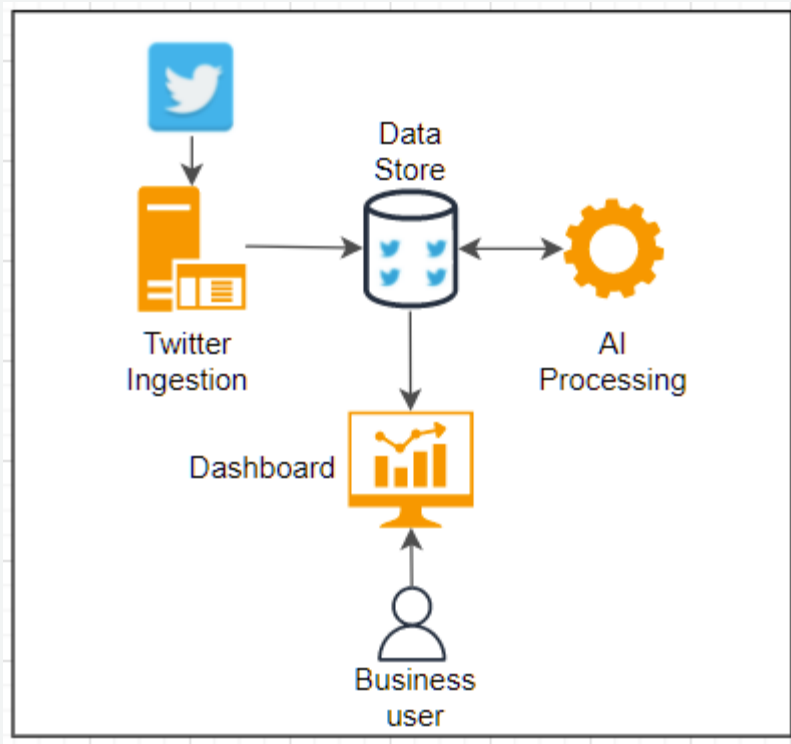


**Some entities require a solution that monitors and ingests specific tweets to analyze and extract insights from them**

# Why is this important?

- Capture mass public opinion for any new service, decision or direction.
- Forms a feedback loop between entities and people.
- Fully automated.
- Real-time.
- Cost efficient.

# Functional Design



## Real life challenges:

- Social media integration (Twitter/FB/Instagram/LinkedIn).
- Content filtration.
- Data format handling.
- Data volume (rate & size).

# How to implement?

- Look at the input tweets.
- Build the architecture.
  - What AWS services do you need? (Ingestion, Storage, Processing, Visualization).
  - Explore how each service works.
  - Explore how to integrate the services together.
- Write code to simulate real-time input.

# Back to our use case:

- What to submit?
  - Architecture diagram in PPT & dashboard screenshots showing analysis results.
- When to submit?
  - Deadline is our next call.
- How to submit?
  - Upload to portal.

# Thank you!