



# Global disease spread

WMCS16003 - Scalable Computing  
Architecture Document

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# Project Idea

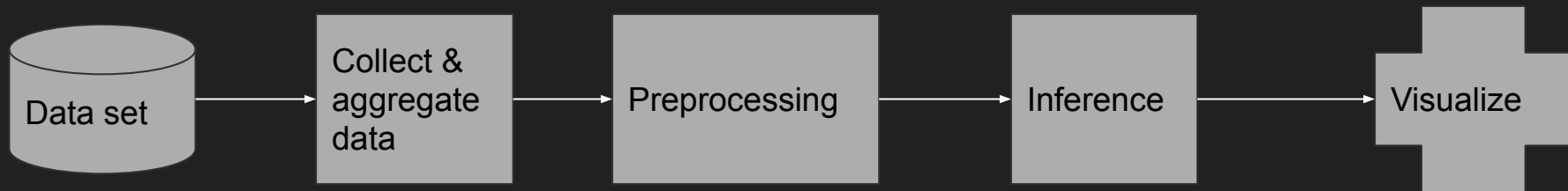
Based on the project titled  
*“Analyze GIS data”*

Virus spread is an increasingly dangerous threat in a globalizing world. The Corona virus causes mayhem throughout the world.

We want to visualize coordinate based disease data to get a better understanding of its rate of spread throughout the world.

# Architecture

Our dataset works its way through a funnel, aggregating data on the way.



# Technologies

## Data processing

- Python

## Data storage

- NoSQL database

## Solution deployment

- Docker containers
- A cloud platform

## Streaming data



## Analytics engine



# Project timeline

