



DUDE
Project Agency

DATA DISCOVERY AND INFRENTIAL MODELING

PROJECT PROPOSAL

Exploring Mental Health Data



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→ INTRODUCTION

GET TO KNOW ABOUT US



Mohamed Ahmed

22010211

Mohamed Gamal

22010215

Kaml Mostafa

22010377

Mostafa Hassein

20221449690

DEFINING THE PROJECT



Objective

Our goal is to use data from a mental health survey to explore factors that may cause individuals to experience depression.



Key Features

Our proposed project will include essential features such as user-friendly Visualizations, KPIs, machine learning approach, and an inferential model to test results.



Technologies

- Python
- SQLite

MENTAL HEALTH DATA



The dataset for this project (both train and test) was generated from a deep learning model trained on the Depression Survey/Dataset for Analysis dataset.

Feature distributions are close to, but not exactly the same, as the original Survey, both to explore differences as well as to see whether incorporating the original in training improves model performance.



01

Cleaning

We'll begin with a data cleaning process using pandas or polars for that its a 140000 rows dataset.

02

Database

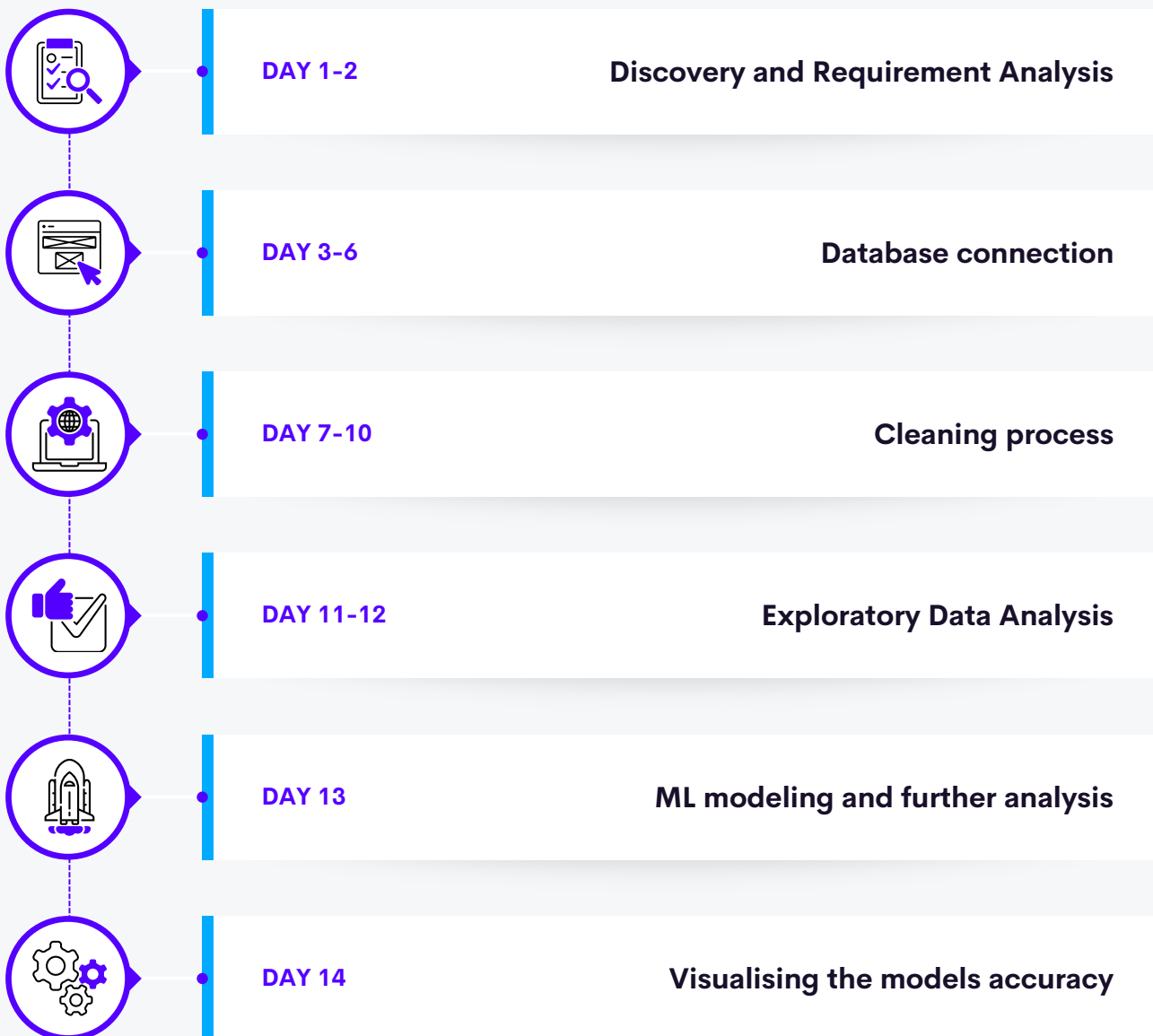
We would contain the data in a SQLITE file based dataset and call data using python tool cursor.

03

The Model

All we can say now that it will be a logistic inferential model measuring other features impact on one's depression.

TIMELINE AND MILESTONES





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 **GitHub**
[GITHUB](#)

 **E-mail**
modyhamdyatahossen.com

 **Design BY**

Mohammed ahmed mohammed hossen