Analysis Mental Health DataSet

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Overview

The overview provides a high-level description of the project, outlining its purpose, scope, and the dataset being used. In this case, the overview might include:

- Brief introduction to mental health analysis in the context of Data Science and Machine Learning.
- Description of the dataset, including its source, size, and relevant features/columns.
- Statement of the problem or questions the analysis aims to address (e.g., identifying factors affecting mental health, predicting treatment outcomes, etc.).

Goals

The goals specify the objectives or outcomes the project aims to achieve. These goals should align with the problem statement and the overall purpose of the project. Some possible goals for analyzing a mental health dataset could include:

- Identifying patterns or trends in mental health data.
- Building predictive models to forecast mental health outcomes.
- Exploring correlations between various factors (e.g., occupation, family history) and mental health indicators.
- Providing insights to inform mental health interventions or policies.

Specifications

Specifications detail the technical requirements and methods that will be used to achieve the project goals. This includes:

- Data preprocessing steps such as cleaning, normalization, and feature engineering.
- Exploratory Data Analysis (EDA) techniques to understand the structure and distribution of the dataset.
- Selection and implementation of appropriate machine learning algorithms for analysis and modeling.
- Evaluation metrics to assess the performance of predictive models.
- Visualization techniques to communicate findings effectively.

Milestones

Milestones are specific, measurable achievements or checkpoints that mark progress towards the project goals. They help to track the project's progress and ensure that it stays on schedule. Milestones could include:

- Completing data preprocessing and EDA.
- Building and training initial machine learning models.
- Fine-tuning models and optimizing performance.
- Generating insights and visualizations.
- Writing up the project report or presentation.

Github Project link : https://github.com/bhandariarun/KMC_Project

THANK YOU