Project Plan
Ctrl+Mind
Mental Health In Tech Field

Project Overview:
This project aims to analyze mental health awareness, disclosure patterns, and company support among employees working in the technology sector versus those outside it. The study explores the impact of company size, awareness levels, and cultural factors on how employees perceive and discuss their mental and physical health

Objectives:
- Compare mental health awareness between tech and non-tech workers.
- Assess how company size affects mental health support.
- Measure employee willingness to disclose mental vs physical health issues.
- Identify awareness of available mental health resources.

Scope:
- This project includes data collection, preprocessing, statistical analysis, visualization, and reporting.
- It excludes psychological diagnosis or medical recommendations. Focus is on interpreting
- employee responses and organizational trends related to workplace mental health.

Time Line:

Phase	Tasks	Timeline
1. Data Collection	Data Collection Collect data from surveys, online repositories, and existing datasets.Google Forms, Kaggle	Week 1
2. Data Cleaning	Cleaning Handle missing values, normalize text, and prepare data for analysis.Python (Pandas, NumPy)	Week 2
3. Exploratory Data Analysis	AnalysisVisualize correlations and insights on company size, awareness, disclosure, etc.Matplotlib, Seaborn, Power BI	Week 3–4
4. Insights & Reporting	ReportingSummarize findings and identify trends and actionable recommendations.Jupyter Notebook, Google Docs	Week 5
5. Presentation	Prepare and present final report with visuals and conclusions.Canva, PowerPoint	Week 6

Team Roles & Responsibilities:

Role	Responsibilities
Project Lead (Basma)	Oversee progress, maintain team coordination, ensure deadlines are met.
Data Analyst	Perform data cleaning, analysis, and statistical testing.
SQL Analyist	Performe analysis, and statistical testing with SQL.
Python Visualization	Performe analysis, and statistical testing withPY.
Visualization Specialist	Create graphs and dashboards for presentation with Tableau.
Documentation Lead	Summarize results, manage report writing and presentation preparation.

Tools & Resources:

- Python (Pandas, NumPy, Matplotlib, Seaborn)

- Power BI or Tableau for visualization

- GitHub for collaboration

- Google Docs/Sheets for documentation

- Online references and health data sources (Kaggle, WHO reports).

Risk Management:

- Data Quality: Some datasets may have missing or biased responses. Solution: Apply data cleaning and imputation.

- Time Constraints: Limited time for in-depth analysis. Solution: Divide work and use automation tools.

- **Interpretation Challenges:** Avoid psychological conclusions; stick to statistical insights.

- **Collaboration Issues:** Regular weekly meetings to ensure alignment.

Monitoring & Evaluation:

The team will hold weekly progress meetings, review milestones via Trello or Notion, and update a shared progress tracker. Final evaluation will be based on analysis completeness, report clarity, and presentation quality.