

# SmartInternz Externship



<b>Date</b>	23 October 2023
<b>Externship Title</b>	Data Analytics with IBM cognos Analytics
<b>Project Name</b>	Depression: A Common Mental Disorder

## Team Members

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# Project Design Phase-I

## Solution Architecture

The solution architecture for addressing "Depression, A Common Mental Disorder" comprises four essential layers:

**1. Data Collection and Data Storage:** Gathering diverse depression data from healthcare sources, surveys, and research studies. Utilizing a scalable and secure data warehouse for integrated data storage.

**2. Business Intelligence Tool:** Implementing Tableau for robust analysis and visualizations.

**3. Analysis and Visualization Design:** Leveraging Tableau's analytical features to explore trends in depression data. Designing interactive visualizations and dashboards for dynamic data exploration.

**4. Narrative Storytelling:** Develop a cohesive narrative to guide users through visualizations, providing context and emphasizing key findings.

**Link:**

[https://www.canva.com/design/DAFzCd\\_OU6s/dgA5CxQaYLazOVVwfnfWIQ/edit?utm\\_content=DAFzCd\\_OU6s&utm\\_campaign=designshere&utm\\_medium=link2&utm\\_source=sharebutton](https://www.canva.com/design/DAFzCd_OU6s/dgA5CxQaYLazOVVwfnfWIQ/edit?utm_content=DAFzCd_OU6s&utm_campaign=designshere&utm_medium=link2&utm_source=sharebutton)

## ➤ Solution Architecture Diagram

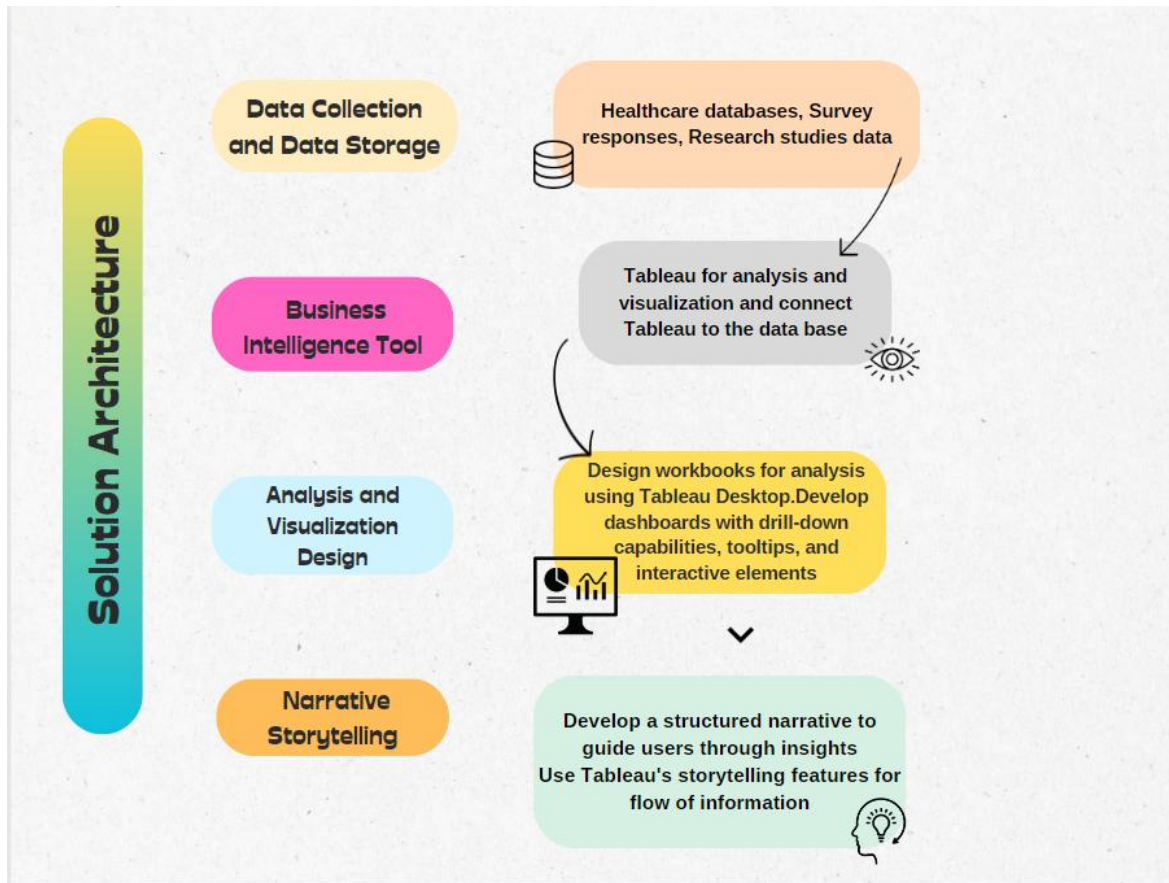


Figure 1: Architecture and data flow for the Depression.