



LONG-TERMINTERNSHIP



**Dr. LANKAPALLI BULLAYYA COLLEGE
VISAKHAPATNAM**

Project Report Format

1. INTRODUCTION

- a. Overview - A brief description about your project
- b. Purpose - The use of this project. What can be achieved using this.

2. LITERATURE SURVEY

- a. Existing problem - Existing approaches or method to solve this problem
- b. Proposed solution - What is the method or solution suggested by you?

3. THEORITICAL ANALYSIS

- a. Block diagram - Diagrammatic overview of the project.
- b. Hardware / Software designing
 1. Hardware and software requirements of the project

4. RESULT

Final findings (Output) of the project along with screenshots.

5. ADVANTAGES & DISADVANTAGES

List of advantages and disadvantages of the proposed solution

6. APPLICATIONS

The areas where this solution can be applied

7. CONCLUSION

Conclusion summarizing the entire work and findings.

8. FUTURE SCOPE

Enhancements that can be made in the future.

9. Weekly Reports (8 Weeks Report)

10. Student Self Evaluation of the Short-Term Internship

1. Evaluation by the Supervisor of the Intern Organization
2. EVALUATION
3. MARKS STATEMENT

INTRODUCTION

Suicides In India:

Suicide in India is a complex issue with various socio-economic, cultural, and psychological factors at play. According to statistics, India has one of the highest suicide rates globally, with a significant portion of suicides occurring among young adults and farmers. Factors such as financial difficulties, family issues, mental health challenges, and societal pressures contribute to the problem. Efforts to address suicide prevention in India include mental health awareness campaigns, helplines, and improved access to mental health services.

A Brief discussion of Suicides:

Suicide in India is a significant public health concern. With a diverse population and varied socio-economic conditions, the factors contributing to suicide are multifaceted. According to data, India has a high suicide rate, with both urban and rural areas affected. Young adults, particularly students and those in the workforce, are vulnerable, as are farmers facing

agricultural distress. Mental health issues, such as depression and anxiety, often underlie suicide cases, exacerbated by stigma and limited access to mental health services. Social pressures, family conflicts, financial difficulties, and relationship problems also play significant roles. Efforts to address the issue include awareness campaigns, suicide prevention helplines, and initiatives to improve mental health services across the country.

Purpose of Suicides in India:

The purpose or motivation behind suicides in India is complex and varies from individual to individual. However, some common underlying factors include:

1. Mental Health Issues: Many suicides in India are linked to untreated or undiagnosed mental health disorders such as depression, anxiety, and bipolar disorder.
2. Socio-economic Pressures: Financial difficulties, unemployment, debt, poverty, and lack of opportunities can contribute to feelings of hopelessness and despair, leading some individuals to contemplate suicide.
3. Relationship Problems: Conflicts within families, discord, social isolation, and peer pressure can strain relationships and contribute to suicidal thoughts.
4. Academic and Work Stress: Pressure to perform well academically, intense competition for jobs, and workplace stress can overwhelm individuals, especially students and young professionals.

Literature Survey of Suicides in India:

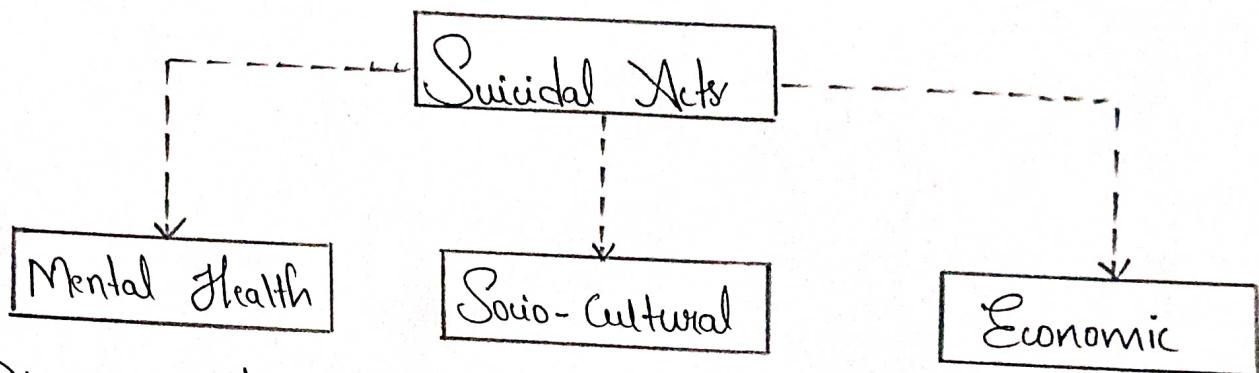
Research on suicides in India covers various aspects, including contributing factors, demographics, and prevention strategies. Studies often explore socioeconomic factors, mental health issues, cultural influences, and regional variations. Additionally, research may delve into the effectiveness of intervention programs and policies aimed at reducing suicide rates.

Suicide rates in India have been a significant concern, with various factors contributing to the issue. Some of the existing problems include:

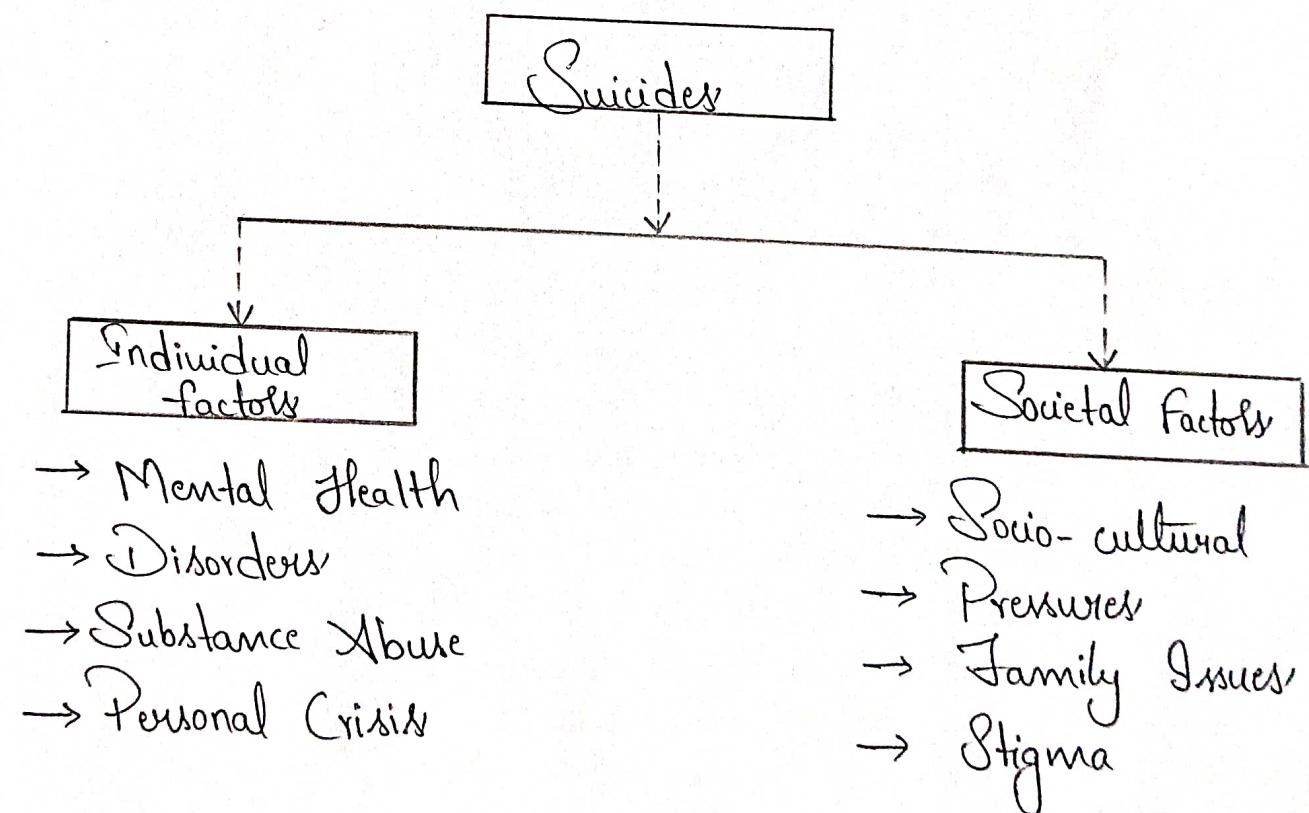
1. Lack of Mental Health Infrastructure: There's a shortage of mental health professionals and facilities in many parts of the country, making it difficult for people to access proper care.
2. Gender Disparities: Women in India face unique challenges, including gender-based violence, discrimination, and limited autonomy, which can increase their vulnerability to mental health issues and suicide.

Block diagram of Suicides in India:

Here's a simplified block diagram illustrating some of the key factors contributing to suicides in India:



Diagrammatic overview of Suicides in India:
Certainly! Here's a diagrammatic overview of the factors contributing to Suicides in India:



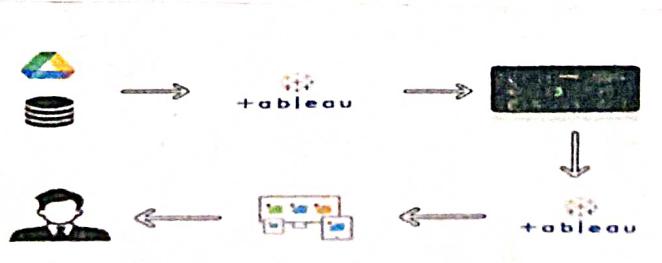
Suicides in India : A Visualization Using Tableau

Suicide in India is a significant public health concern, with a rate of 10.4 per 100,000 people in 2019. Men account for a majority of suicides, and common reasons include family issues, illness and mental health disorders. Prevention efforts should focus on mental health awareness and access to services.

The project is majorly distributed into 4 parts:

1. Downloading the data set and loading it in Tableau.
2. Plotting the data using different types of options available.
3. Altering the visualizations to make them meaningful using the features available in Tableau.
4. Exploring features like forecasting without writing codes the way you need to do in ML.

Technical Architecture:



Project Flow:

To accomplish this, we have to Complete all the activities listed below,

- Define Problem / Problem Understanding
 - Specify the business problem
 - Business Requirements
 - Literature Survey
 - Social or Business Impact.
- Data Collection and Extraction from Database
 - Collect the dataset,
 - Storing Data in DB
 - Perform SQL Operations
 - Connect DB with Tableau
- Data Preparation
 - Prepare the Data for Visualization
- Data Visualization
 - No. of Unique Visualizations
- Dashboard
 - Responsive and Design of Dashboard
- Story
 - No of Scenes of Story
- Performance Testing
 - Amount of Data Rendered to DB
 - No of Calculation Fields

- No of Visualizations / Graphs
- Web Integration
 - Dashboard and Story embed with UI with Flask

Milestone 1: Define Problem / Problem Understanding

Activity 1: Specify the business problem

The business problem of suicides in India presents multi-faceted challenges, including its impact on workforce productivity, healthcare costs, and economic development. Employers may face issues related to employee morale, absenteeism, and talent retention. Additionally, the stigma surrounding mental health in the workplace can hinder efforts to address and prevent suicides effectively. Developing comprehensive mental health support programs and fostering a culture of openness and support can be crucial steps for business in tackling this problem.

Activity 2: Business requirements

This project is useful from the perspective of countries who have high number of people suffering with depression. There are many complementing reasons which support depression. The countries such have high percentage of people having depression can see the underlying reason for the depression in their country. The ultimate

goal is to gain insights and improve performance through data visualization techniques.

Activity 3: Literature Survey

A literature survey for the depression analysis would involve researching and reviewing previous studies, articles and reports on the topic. This could include information on the methods and techniques used for tackling depression, as well as the results. Some potential areas of focus for a literature survey on depression analysis could include:

Risk management, which involves identifying, assessing, and mitigating the various risks facing a country.

Activity 4: Social or Business Impact

This project throws light on the reasons causing depression, how they are affecting countries all around the world. There are a number of reasons which support depression, they can be lifestyle habits or different mental disorders. If these reasons are controlled, the percentage of depression affected people will reduce.

The business impact of this project is to the countries that are affected by depression huge amounts.

Milestone - 2 :

Data Extraction from Database :

Data Collection is the process of gathering and measuring information on variables of interest, in an established systematic fashion that enables one to answer stated research questions, test hypotheses, evaluate outcomes and generate insights, from the data.

Activity 1 :

Data Contains all the meta information regarding the columns described in the CSV files.

- State : Name of the Indian state
- Year : Year ranges from 2001-2012, the Complete field Contains data for that year respectively.
- Type-code : Major classification of "Why Did People Commit Suicide".
- Type : Subclassification of type code.
- Gender : Either the person committing suicide was a male / female.
- Age-group : what age group does the person belong to who Committed suicide.
- Total : Count of people who Committed Suicides.

Milestone 3: Data Preparation

Activity 1: Prepare the Data for Visualization

Preparing the data for visualization involves cleaning the data to remove irrelevant or missing data, transforming the data into a format that can be easily visualized, exploring the data to identify patterns and trends, filtering the data to focus on specific subsets of data, preparing the data for visualization software, and ensuring the data is accurate and complete. This process helps to make the data easily understandable and ready for creating visualizations to gain insights into the performance and efficiency.

Milestone 4: Data Visualization

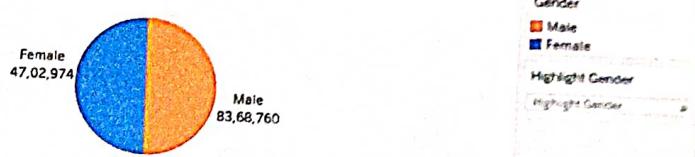
Data visualization is the process of creating graphical representations of data to help people understand and explore the information. The goal of data visualization is to make complex data sets more accessible, intuitive, and easier to interpret. By using visual elements such as charts, graphs, and maps, data visualizations can help people quickly identify patterns, trends, and outliers in the data.

Activity 1 : No. of Unique Visualizations

The no. of unique visualizations that can be created with a given dataset. Some common types of visualizations that can be used to analyze the performance and efficiency of banks, include bar charts, line charts, heat maps, scatter plots, pie charts, maps etc. These visualizations can be used to check the complementing disorders and the lifestyle habits complementing depression among countries. It also shows the depression among countries.

Activity 1.1 : Suicides by sex

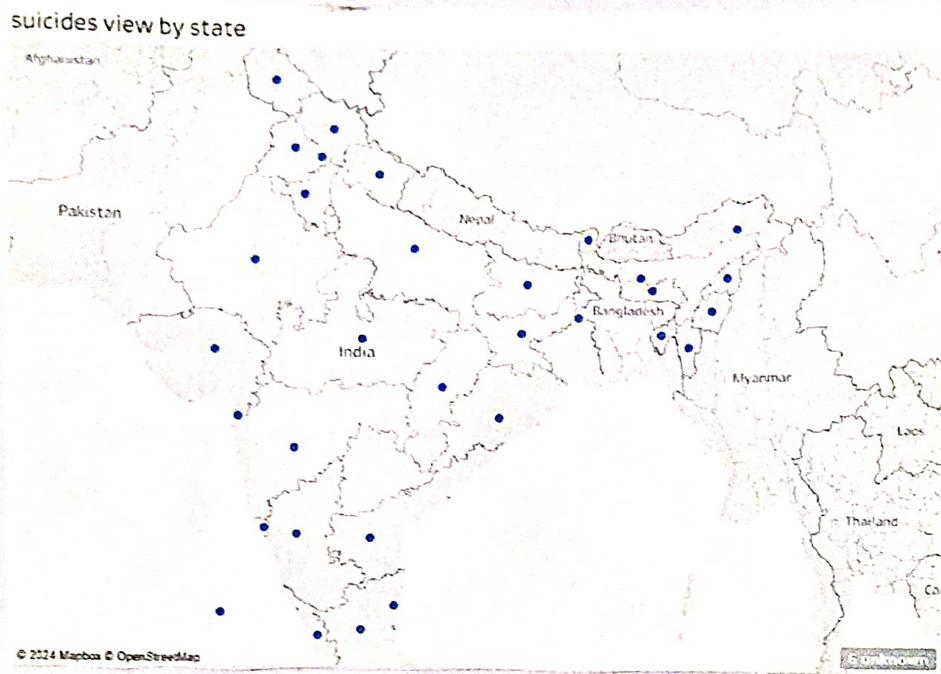
suicide by sex



This indicates the Suicides of sex of male and female.

Activity 1.2: Suicides view by state

Data Visualization is the process of creating graphical representation of data to help people understand and explore the information.

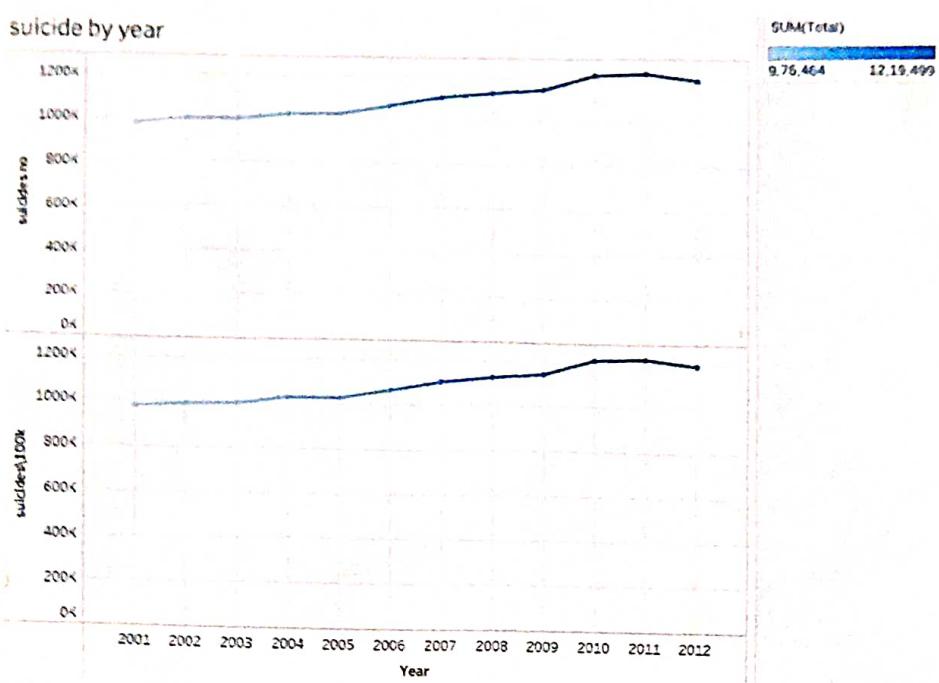


This map indicates the suicides view by state wise and in this, we can know the state wise of suicides which have been done.

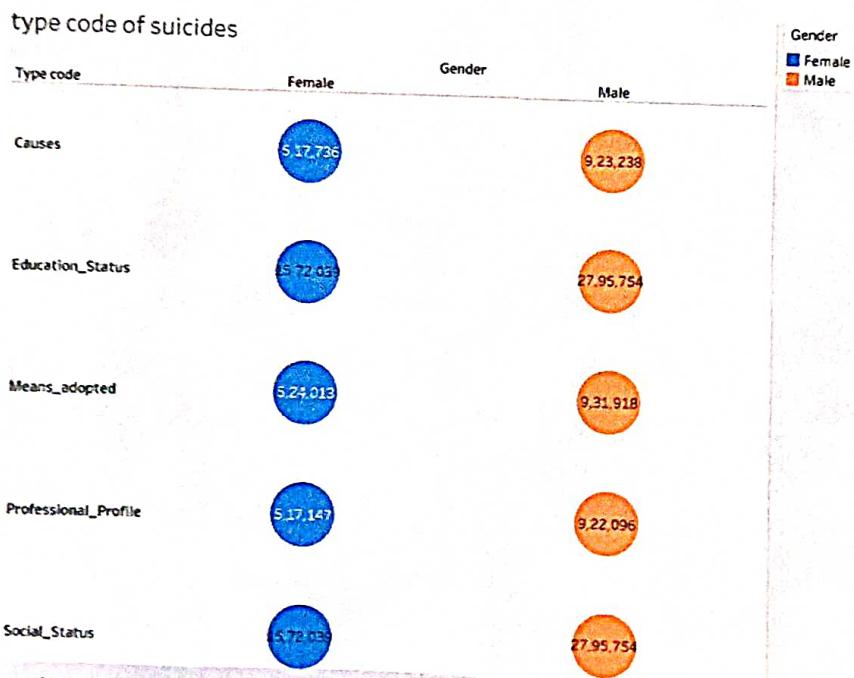
Activity 1.3: Suicides by year

Data Visualization is the process of creating graphical representation of data to help people understand and explore the information.

This map indicates the Suicides by year and in this, we know year by year calculation of suicides.



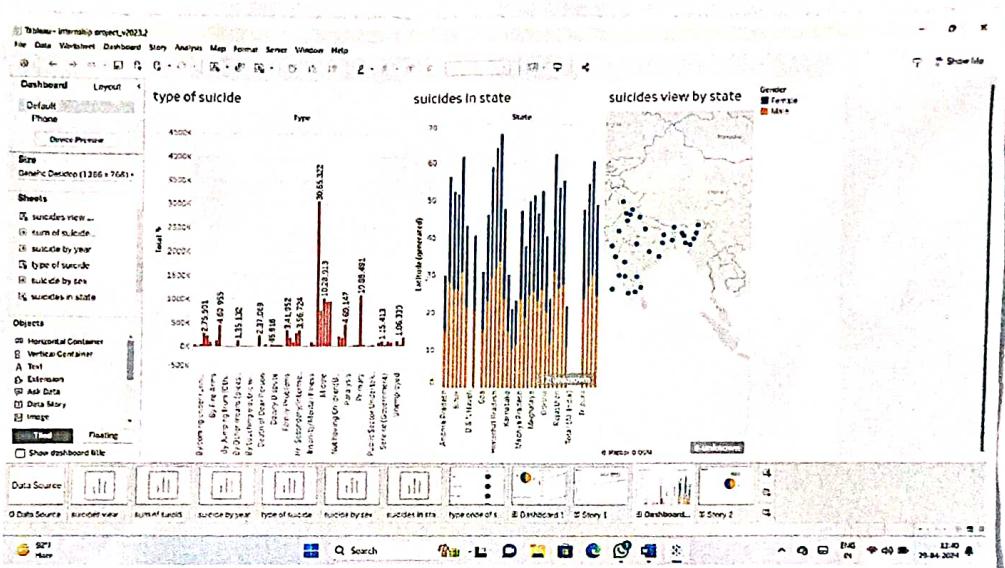
Activity - 1.4 : Type code of Suicides



The activity indicates the Gender and type code of causes, Education-status, Means-adopted, Professional-Profile and Social-Status.

Milestone -5 : Dashboard

Activity-1: A dashboard is a graphical user interface (GUI) that displays information and data in an organised, easy-to-read format. Dashboards are often used to provide real-time monitoring and analysis of data and are typically designed for a specific purpose or use case.

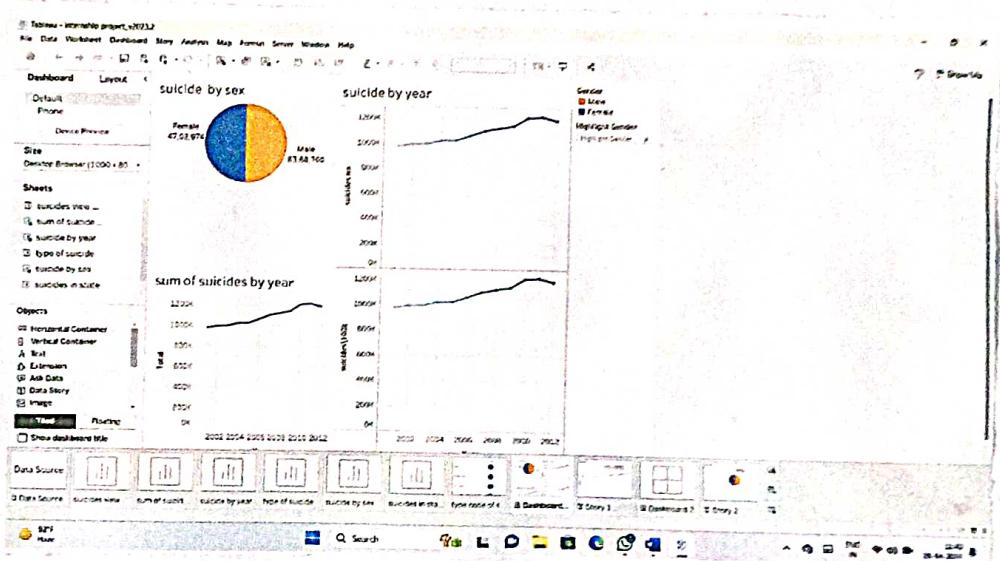


Dashboards can be used in a variety of settings, such as business, finance, manufacturing, health care, and many other industries.

They can be used to track key performance indicators (KPIs), monitor performance metrics, and display data in the form of charts, graphs, and tables.

Creating a dashboard:

- Starting by adding a new dashboard from the dashboard table in tableau.
- Drag the visualization you create earlier onto the dashboard canvas.
- Arrange the visualizations in a logical, consider factors such as hierarchy flow and emphasis on key metrics.
- Add text boxes, titles and annotation to provide content and insights.
- Publish to tableau server or tableau public to share it with others.



- Responsive and Design of Dashboard.

Once you have created views on different sheets in Tableau, you can pull them into a dashboard.

Milestone- 6 : Story :

Activity-1 : A data story is a way of presenting data and analysis in a narrative format intending to make the information more engaging and easier to understand. A data story typically includes a near introduction that sets the stage and explain the context for the data, a body that presents the data and analysis in a logical and systematic way, and a Conclusion that summarizes the key findings and highlights their implications. Data stories can be told using a variety of mediums, such as reports, presentations, interactive visualizations, and videos.

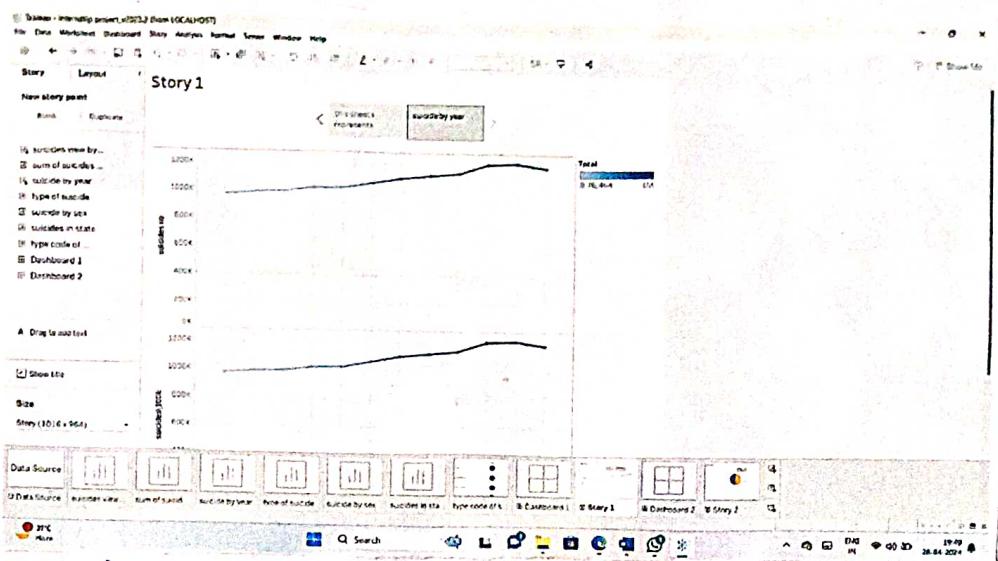
Activity 1 : No of Scenes of Story :

Creating a Story:

- Go to the story tab in tableau and click on "newstory" to create a new story.
- Add a title and description to introduce the topic of the story.
- Add "Dashboard" object to the story selecting the relevant dashboard or individual visualizations, creating earlier.
- Use story telling techniques such as highlighting.

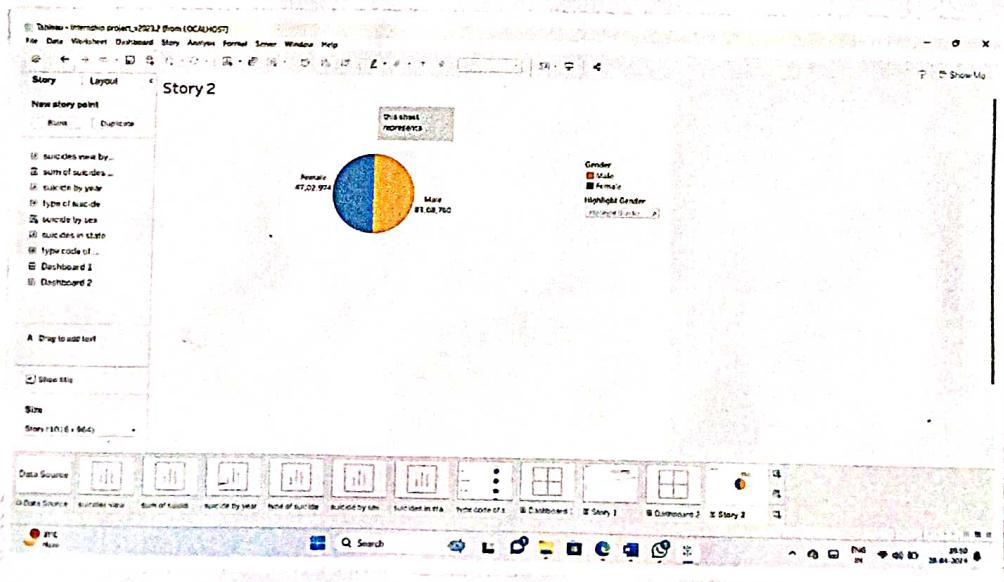
Scenes of Story

Activity 1.1 : Story 1 :



This Story explained about the Suicides by year where, there is increase in the Suicides, but there is no decrease. Here, Year by year are gradually increasing the Suicides as well.

Activity 1.2 : Story 2 :

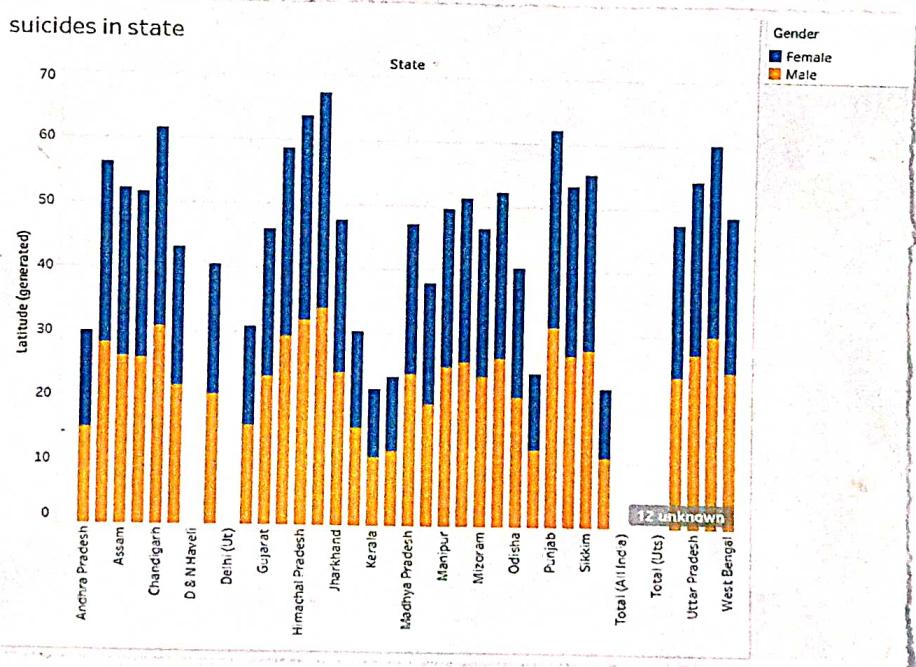


Milestone - 7 : Performance Testing :

Activity 1 : Amount of Data Loaded :

- The amount of data that is rendered to a database depends on the size of the dataset and the capacity of the database to store and retrieve data.
- Open the MySQL workbench, go to the database then click to expand the tables, select the table and click on (i) button to get the information related to table such as column Count, Table rows etc.

Activity 2 : Utilization of Data filters,



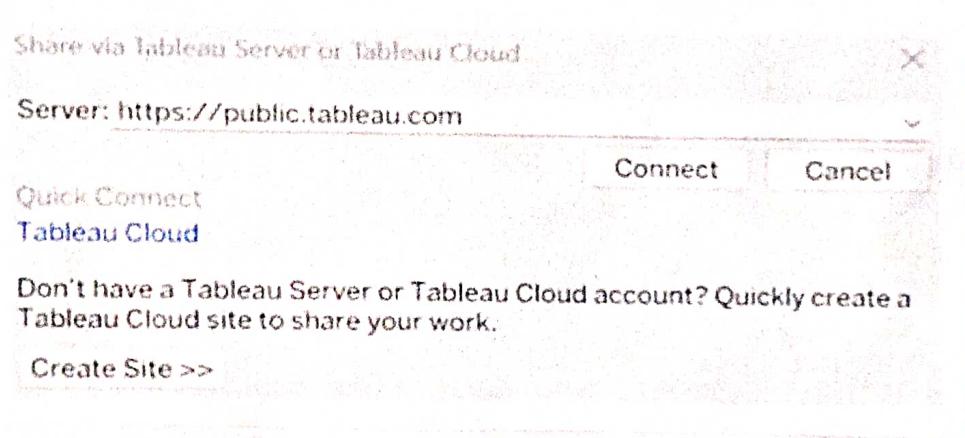
This indicates the Suicides in States vice increasing and decreasing.

Milestone 8 : Web Integration

Publishing helps us to track and monitor key performance metrics, to communicate results, and progress, help a publisher stay informed, make better decisions, and communicate their performance to others.

Publishing dashboard and reports to tableau public :

Step 1: Go to Dashboard/story, click on share button on the top ribbon



Once you login into your tableau public using the credentials, the particular visualization will be published into tableau public.

Note: while publishing the visualizations to the public, the respective sheet will get published when you click on share option.

+tableau:public



Activity 1: Dashboard and Story embed with v1 with flask.

A screenshot of a terminal window titled 'Activity 1: Dashboard and Story embed with v1 With Flask'. The window displays the following Python code:

```
from flask import Flask, render_template
app = Flask(__name__)
@app.route('/')
def index():
    return render_template('index.html')
if __name__ == '__main__':
    app.run(debug=True, port=5000)
```

Below the terminal window, the status bar shows 'Milestone 3: Project Demonstration & Documentation'.

Advantages and Disadvantages of Suicide in India:

The topic of suicide in India is complex and multifaceted, with various proposed solutions aimed at addressing this critical issue. Here are some potential advantages and disadvantages of one common proposed solution:

→ Advantages :

1. Reduced Stigma: Mental Health awareness programs can help reduce the stigma associated with mental illness and suicide.
2. Early Intervention: Increased awareness can lead to early detection of mental health issues and intervention before they escalate to suicidal thoughts or actions.
→ This can potentially save lives by providing timely support and treatment to those in need.
3. Community Support: Mental health awareness programs often involve community engagement and support networks.
4. Access to Resources: These programs often provide information about available mental health resources and support services.

Disadvantages of Suicide in India:

1. Limited Reach: Mental health awareness programs may not reach everyone, especially those in remote or marginalized communities where access to information and resources is limited.
 - This can leave certain populations underserved and at higher risk of suicide.
2. Effectiveness: While mental health awareness programs are crucial, their effectiveness in preventing suicides may vary. Long-term studies evaluating the impact of these programs on suicide rates are needed to assess their true efficacy.
3. Resource Constraints: Implementing effective mental health awareness programs requires:
 - Significant resources, including funding, trained professionals, and infrastructure.
 - In countries like India, where healthcare resources are often limited and mental health services are underfunded.
4. Cultural Barriers: Cultural factors can influence attitudes towards mental health and help-seeking behaviours.
 - Some communities may be resistant to discussing mental health openly due to cultural stigma or beliefs.

Applications of Suicide in India:

Suicide has various applications in terms of understanding societal issues, mental health challenges, and public policy. Here are some potential applications and implications of suicides in India:

1. Public Health Concern: The prevalence of suicides in India highlights significant public health challenges related to mental health, social inequalities, and access to healthcare.
2. Mental Health Awareness: High suicide rates underscore the importance of raising awareness about mental health issues.
→ Public education campaigns can help promote early intervention, destigmatize seeking help, and encourage community support for individuals at risk.
3. Policy Development: Suicide data can inform the development of policies and programs to address underlying social determinants of mental health, such as poverty, unemployment, discrimination, and access to education and healthcare.
→ Targeted interventions can help mitigate these risk factors and support vulnerable populations.

Conclusions of Suicides in India:

In conclusion, the issue of suicides in India is a complex and multifaceted challenge with far-reaching implications for public health, mental well-being, and societal development. While precise conclusions about suicides in India are nuanced and context-dependent, several key points can be highlighted:

1. Significant Public Health Concern: Suicides represent public health concern in India, with high rates observed across various demographic groups and regions.
 - The prevalence of Suicides underscores the urgent need for effective prevention strategies and support systems.
2. Multi-factorial Causes: Suicides in India are influenced by a complex interplay of social, economic, cultural, and individual factors.
 - These may include poverty, unemployment, social isolation, family conflicts, substance abuse, mental illness and access to healthcare.

In conclusion, addressing suicides a concerted effort from governments, healthcare providers, communities, and individuals. By prioritizing mental health, reducing stigma, strengthening support systems, and implementing evidence-based interventions, it is possible to reduce the burden of suicides.

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	<p>Introduction to Business Intelligence</p> <ul style="list-style-type: none"> • Business Intelligence • Introduction to Data Analytics 	<ul style="list-style-type: none"> • Understand the fundamentals and significance of business intelligence & data analytics 	J
Day - 2	<p>Introduction to Tableau</p> <ul style="list-style-type: none"> • Introduction to tableau • Overview & Features 	<ul style="list-style-type: none"> • Gain an overview of tableau & its features. 	
Day - 3	<p>Data Extraction</p> <ul style="list-style-type: none"> • Introduction to Database 	<ul style="list-style-type: none"> • Gain an introduction to database & their importance in data management 	
Day - 4	<p>Basic SQL Operations,</p>	<ul style="list-style-type: none"> • Understand the fundamentals of Structured Query language (SQL) 	Alphit
Day - 5	<p>Basic SQL Operations,</p>	<ul style="list-style-type: none"> • Understand the (SQL) • Learn basic SQL Operations including 	
Day - 6	<p>Architecture of Tableau</p> <p>Interface of Tableau</p> <p>Tableau field types</p>	<ul style="list-style-type: none"> - 	

WEEKLY REPORT

WEEK - 1 (From Dt..... to Dt.....)

Objective of the Activity Done:

Introduction to Business Intelligence

Detailed Report:

Day 1 : Introduction to Business Intelligence

- Covered various aspects of BI including data integration, processing, presentation, and ETL architecture.

Day 2 : Introduction to Tableau

- Introduced participants to Tableau's features and capabilities → Demonstrated how to connect Tableau to different data sources and work with flat files and spreadsheets.

Day 3 : Data Extraction

- Provided an overview of databases & their role in data management.

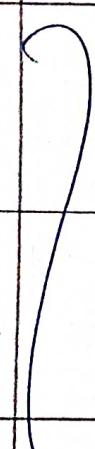
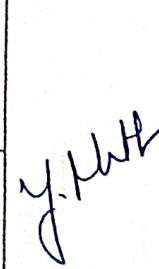
Day 4 & 5 : Basic SQL Operations

- Covered fundamental concepts of Structured Query Language (SQL) and its importance in database management.

- Taught basic SQL operations, including querying, filtering, sorting and aggregating data.

- Participants practiced data manipulation tasks such as inserting, updating and deleting records.

ACTIVITY LOG FOR THE SECOND WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Architecture of Tableau Interface of Tableau Tableau field types	Understand Tableau's Architecture Component	
Day - 2	Histograms Box Plot Motion, Bar	Understanding all visualizations and learning principles	
Day - 3	Bullet Scatter Tree	Develop proficiency in creating the most suitable	
Day - 4	Custom charts	Acquire skills in Creating, Customizing charts	
Day - 5	Connecting to data Source Tableau data types Connection to Excel	Learn effective management for meta data	
Day - 6	→	→	

WEEKLY REPORT

WEEK - 2 (From Dt..... to Dt.....)

Objective of the Activity Done:

Data Extraction, & Basic (SQL)

Detailed Report:

Day-1 : Introduction of Architecture of Tableau: Explored the architecture of Tableau, including its Components and interfac elements. 2. Participants learned about various file types supported by Tableau and methods for sharing and exporting work.

Day 2 : charts 1. Explored various chart types, including Histograms, Box plots, Motion charts, Pie charts, Bar charts, Line charts & Bubble.

Day 3: Advanced chart Types 1. Delved into advanced chart types such as Bullet charts, Scatter plots, Tree maps, Heat maps, Maps, Text tables, and Highlighted tables.

Day 4: Custom charts 1. Explored the Concept and importance of custom charts in data visualization.

Day 5: Working with Metadata and Data Blending 1. Developed expertise in Connecting Tableau to diverse data sources including Excel, cubes, and PDFs for Comprehensive analysis.

ACTIVITY LOG FOR THE THIRD WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	<ul style="list-style-type: none"> • Joins and union • Dealing with NULL values, cross-database 	Gain Comprehensive Understanding & skills in joins	
Day - 2	Advanced Data Manipulations → Preview → Groups	Advanced data manipulation including previewing	
Day - 3	<ul style="list-style-type: none"> • Bins • Hierarchies • Sorting & Types 	learned how to utilize bins for grouping data	
Day - 4	Working with filters, Data • Filters	Removal of filters to refine & flow data sets	
Day - 5	<ul style="list-style-type: none"> • Filtering in Tableau • Types of filters 	Master Tableau's filtering tools for data	af.MHT
Day - 6		-	

WEEKLY REPORT

WEEK - 3 (From Dt..... to Dt.....)

Objective of the Activity Done:	Advanced Tableau functionalities
Detailed Report:	<p>Day 1: Joins, Union, and Data Blending. i. Gained Comprehensive Understanding and practical Skills in Various types of joins including left, right, Inner and outer joins.</p>
	<p>Day 2: Advanced Data Manipulations. Mastered advanced data Manipulation techniques including previewing, Marking & highlighting to enhance data exploration & Analysis.</p>
	<p>Day 3: Bins, Hierarchies, Sorting & Formatting Participants learned to use bins for grouping Continuous data into discrete interval & Creating hierarchies for data Organisation.</p>
	<p>Day 4: Working with filters & Data Organisation. Mastered the addition and remove of filters to define and focus datasets based on Specific criteria.</p>
	<p>Day 5: Advanced Filtering in Tableau Explored advanced filtering tools in Tableau for precise data manipulation and analysis.</p>

ACTIVITY LOG FOR THE FORTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	<ul style="list-style-type: none"> • Working on Coordinate Points • Plotting Longitude & Latitude 	Explore the versatility of quick table calculations	J
Day - 2	Calculated Fields in Tableau	Apply quick table calculation dynamics	
Day - 3	Quick Table Calculation	Utilize for instant data analysis	J
Day - 4	LOD Expressions in Tableau	Coordinate point manipulation	
Day - 5	<ul style="list-style-type: none"> • Working on the background, image & map visualizations, 	How to incorporate images & add images	A. Nithi
Day - 6	-	-	

WEEKLY REPORT

WEEK - 4 (From Dt..... to Dt.....)

Objective of the Activity Done:

To derive into advanced Tableau functionality.

Detailed Report:

Day 1: Calculated fields, Quick Table Calculations, and LOD Expressions.

→ Participants learned how to Create Calculated fields in Tableau for custom data analysis & visualizations.

Day 2: Quick Table Calculations.

→ Utilized Tableau's quick table calculations for instant data analysis and visualization enhance.

Day 3: LOD expressions in Tableau

→ Participants developed deeper into the use of LOD expressions for advanced Analytics.

Day 4: Mapping, Calculations and Expressions.

→ Participants Mastered mapping skills including Co-ordinate point Manipulation and longitude / latitude plotting for spatial data analysis.

Day 5: Advanced Mapping Techniques.

→ Participants learned to incorporate background images and images in Tableau.

ACTIVITY LOG FOR THE FIFTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Creating parameters in calculation using Parameters.	Creation of Parameters in Tableau	J
Day - 2	K-means cluster analysis Trend and reference lines.	Learn K-means cluster analysis, to patterns.	J
Day - 3	• Building and formating a dashboard using size.	Understand the Principles of Story telling	J
Day - 4	Creating multiple dashboard Creating stories Including	Gain proficiency in creating dashboards	
Day - 5	Adding annotation with descriptions.	Gain update story points to Present insights.	M. J. H. H
Day - 6	-	-	

WEEKLY REPORT

WEEK - 5 (From Dt..... to Dt.....)

Objective of the Activity Done:

Detailed Report:

Day 1: Working with Parameters

Participants Mastered the Creation of parameters in Tableau to enhance dynamic analysis and visualization capabilities.

Day 2: Visual Analytics' Pane

Explored the Visual Analytics Pane in Tableau for advanced data Visualization Techniques.

Day 3: Dashboards and Stories

Acquired skills in building and formatting dashboards in Tableau using various elements.

Day 4: Creating Multiple Dashboards

Gained proficiency in creating multiple dashboards within Tableau for comprehensive data analysis.

Day 5: Creating Stories

Mastered and creation & updating of stories in Tableau, including the introduction of story points and add catchy visuals to enhance Storytelling effectiveness.

ACTIVITY LOG FOR THE SIXTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	<ul style="list-style-type: none"> • Adding annotations with descriptions. • Highlights actions. 	Master the skill of adding annotations	J
Day - 2	<ul style="list-style-type: none"> • Introduction to flask 	Acquire an intro to flask, a python	
Day - 3	Working with Bootstrap	Utilize bootstrap Components such as grid	
Day - 4	Building application with flask framework	Gain proficiency in developing	
Day - 5	Embedding Dashboard & story with web application	Methods for integrating tableau visuals	of MHT
Day - 6		-	

WEEKLY REPORT

WEEK - 6 (From Dt..... to Dt.....)

Objective of the Activity Done:

To focus on advanced Tableau functionality.

Detailed Report:

Day 1: Adding Annotations & Dashboard Interactions.
→ Participants Mastered the skill of adding annotations with descriptions, to provide contextual information within Tableau dashboard & stories.

Day 2: Building Tableau Web Application with Flask and Bootstrap.

→ Acquired an Introduction to flask, a python web framework, for building web applications.

Day 3: Working with Bootstrap

→ Participants Mastered the use of Bootstrap a front end framework for creating responsive and visually appealing web interface.

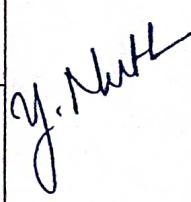
Day 4: Building Applications with flask framework

→ Acquired the skills necessary to build web application using the flask framework

Day 5: Embedding Dashboards and Stories, into Web application.

→ Participant learned how to embed Tableau dashboards and stories into web application

ACTIVITY LOG FOR THE SEVEN WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Mentoring Session	-	
Day - 2	Mentoring Session	-	
Day - 3	Mentoring Session	-	
Day - 4	Mentoring Session	-	
Day - 5	Mentoring Session	-	
Day - 6			

WEEKLY REPORT

WEEK - 7 (From Dt..... to Dt.....)

ACTIVITY LOG FOR THE EIGHTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Mentoring Session	-	9
Day - 2	Mentoring Session	-	
Day - 3	Mentoring Session	-	
Day - 4	Mentoring Session	-	af. Nit
Day - 5	Mentoring Session	-	
Day - 6			

WEEKLY REPORT

WEEK - 8 (From Dt..... to Dt : Dt.....)

Objective of the Activity Done: Doubt Sessions

Detailed Report:

Day 1 : Ask anything about Tableau Dashboards and projects

Day 2 : If we have any doubt in that day we have to clear that doubts

Day 3 & 4 & 5 : These are the clarification and doubts Sessions and mentoring Session.