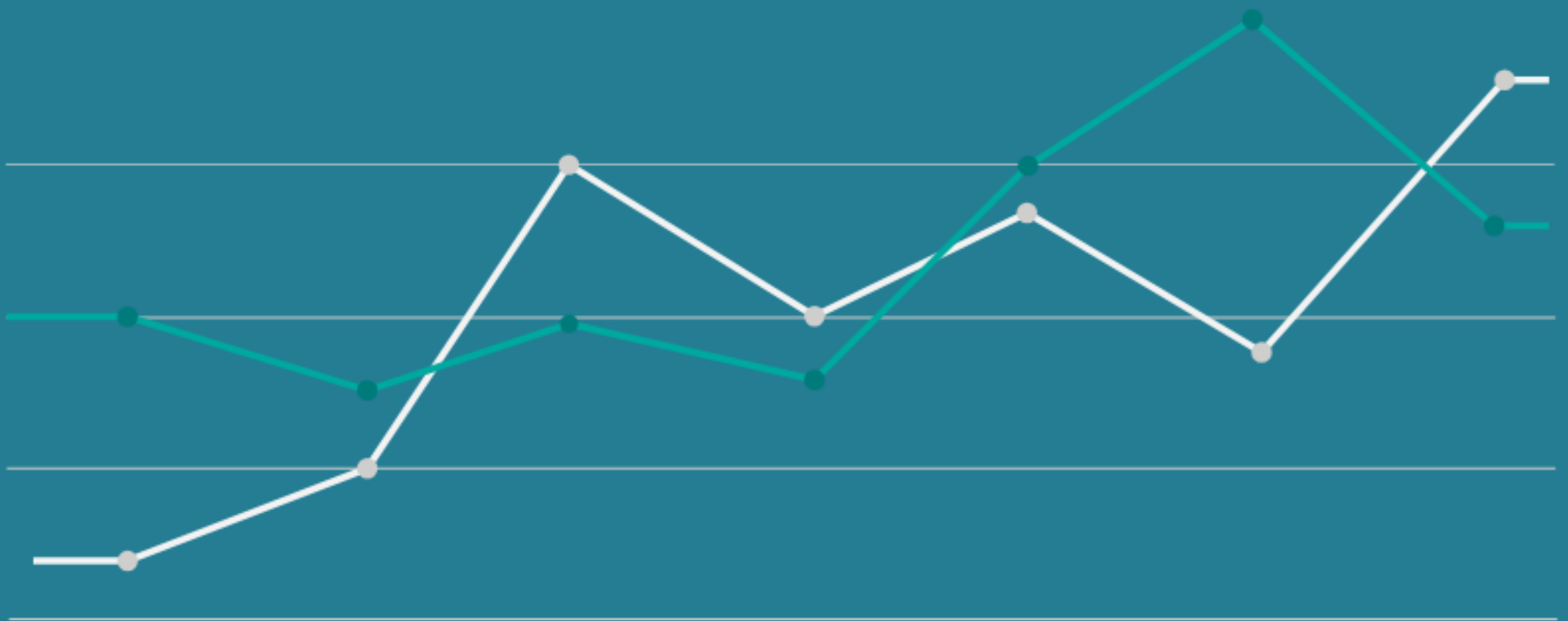


# DATA ANALYST PORTFOLIO

## INTRODUCTION



Prerana Dhakal

DATA ANALYST

Welcome to my portfolio. I am Prerana Dhakal, a data analyst with a passion for uncovering insights and driving data-driven decision-making. Explore my work and see how I can help you leverage data to achieve your business goals.





# A B O U T   M E

## Who I Am

A recent graduate data analyst, I have a proven track record of turning raw data into meaningful information. My analytical skills, combined with a deep understanding of various industries, allow me to provide valuable insights that drive business success.

## Skills & Expertise

- Data Cleaning and Preparation
- Statistical Analysis
- Data Visualization
- SQL and Database Management
- Python/R for Data Analysis
- Machine Learning
- Business Intelligence Tools (Tableau, Power BI)

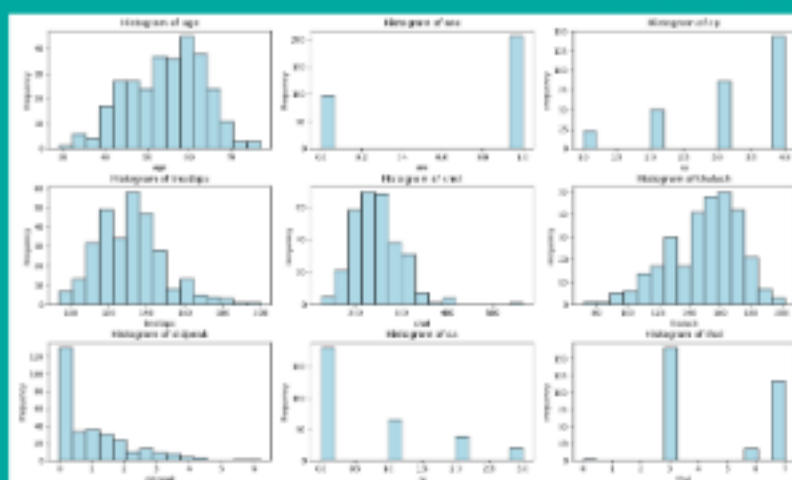
# PORTFOLIO HIGHLIGHTS

## Case Study: Determined heart disease predictors; Capstone(Major project)

For Final capstone project, I conducted an in-depth performance analysis to identify key factors influencing the heart disease early diagnosis This included:

- **Data Collection:** Gathered data from multiple sources, including UML Repository and research papers,
- **Data Cleaning:** Ensured data accuracy and consistency through rigorous cleaning processes.
- **Analysis:** Used statistical methods to identify trends and correlations.
- **Results:** Provided reasonable risk factors for heart disease and improving early diagnosis.

## Data visualization for project





# PROJECT EXAMPLES

## **Project: Movie Recommendation Engine**

**Objective:** Improve movie recommendation system according to personal test

**Methods:** Aggregated data from Rotten Tomatoes and used scikit learning tool

**Results:** Saved 22 minutes on movie selection using recommendation tool

## **Project: Financial Forecasting for oil and gold price**

**Objective:** Develop a financial forecasting model to predict future revenues and expenses.

**Methods:** Applied time series analysis and machine learning techniques.

**Results:** Created a forecasting model with a 95% accuracy rate, aiding in more price predictions



# SERVICES OFFERED

## What I Offer

I provide a comprehensive range of data analysis services designed to help businesses harness the power of their data:



### Data Cleaning and Preparation

Ensuring your data is accurate, consistent, and ready for analysis.



### Descriptive and Predictive Analysis

Uncovering patterns and predicting future trends using statistical methods and machine learning.



### Data Visualization

Creating clear and insightful visualizations to communicate findings effectively.



### Business Intelligence

Developing dashboards and reports that provide real-time insights.

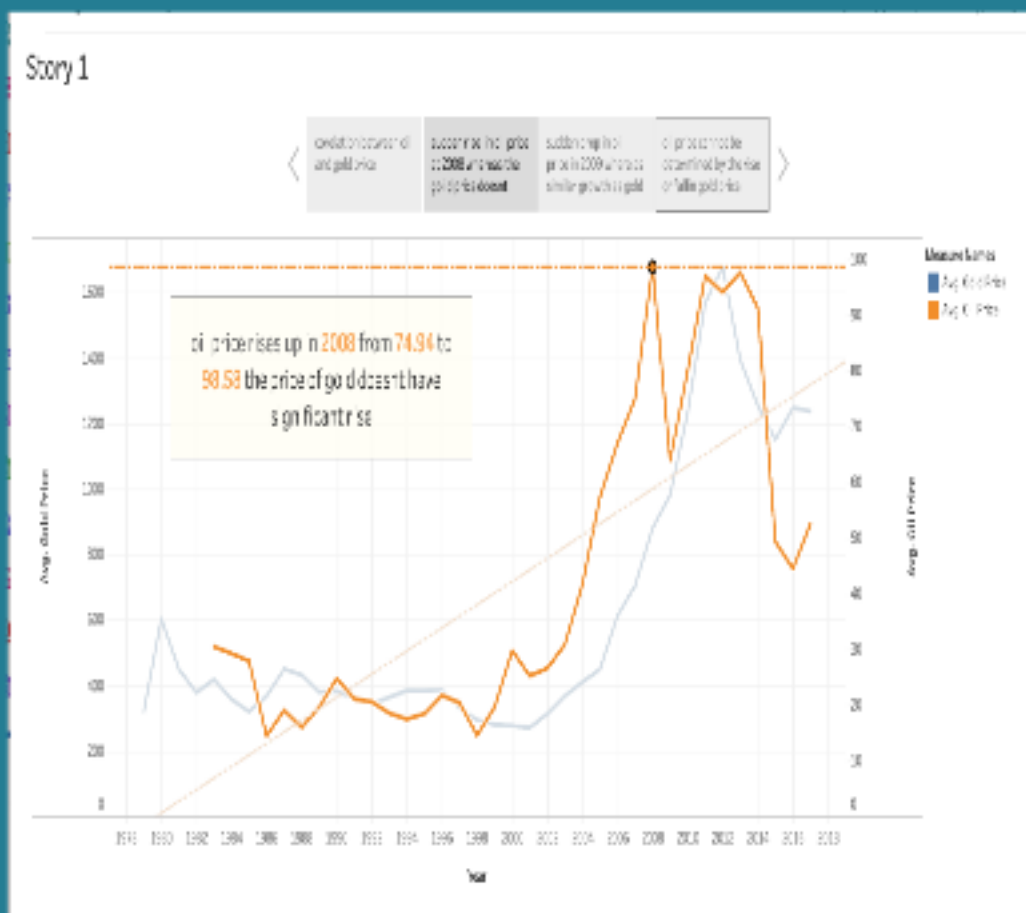
## Why Choose Me

Choosing me means partnering with a dedicated professional who is committed to delivering high-quality analytical solutions. My methodical approach and attention to detail ensure that you receive insights that are both accurate and actionable. Let's work together to unlock the full potential of your data.



# VISUALISATION AND DASHBOARD EXAMPLES

Dashboard  
Created using Tableau  
Showing relationship between  
pneumoconiosis and dust  
exposure in workers



Data Narrative  
Created Using Tableau  
Showing correlation  
between oil price and gold  
price in different years

# CONTACT INFORMATION

## Get in Touch

For inquiries and collaborations, feel free to reach out through any of the following channels:

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