

# Yesubabu Mangina

| P: 9652934505 | yesubabu151354@gmail.com

## EDUCATION

---

### International Institute of Business Studies

MBA

Major in Business Analytics; Minors in Marketing

Cumulative GPA: 7.5/10.0.

Relevant Coursework: Data Analysis, Data Mining; Data warehouse; Big Data Analytics; Business Intelligence

Bangalore, India

Nov 2020-Dec2022

### B V Raju College

Bachelor of Science

Major in computer science; Minors in Mathematics, Electronics

Cumulative GPA: 8.2/10.0

Relevant Coursework: Data Analysis, DBMS, Operating System, Artificial Intelligence

BVRM, Andhra Pradesh

Jun 2017 - Aug 2020

## WORK EXPERIENCE

---

### THINK N SOLUTIONS (Software solution)

July 2023-Jan 2024 Intern

Jan 2024-Present full time

#### Data Analyst

- Collaborated with underwriting and actuarial teams to gather and analyze business requirements for vehicle insurance rates, ensuring alignment with regulatory guidelines and market trends.
- Facilitated stakeholder meetings to discuss rate changes, gather feedback, and drive consensus on proposed rate adjustments, resulting in timely and accurate implementation of rate updates.
- Led initiatives to automate rate calculation processes, reducing manual errors and improving efficiency by 30%.
- Gather requirements from clients and prepare detailed tables, passing them to the development team for loading into the database, ensuring accurate and efficient data management processes.

### VITARA ENTERPRISES. (Stock, SIP consultation, Portfolio Management- startup)

Data Analyst Intern

Jun 2022 – July 2022

- Built Tableau dashboard to visualize core business KPIs (e.g. Monthly Recurring Revenue), saving 10 hours per week of manual reporting work
- Aggregated unstructured data from 20+ sources to build the new portfolio management; led to new revenue

## PROJECT

---

**Project Title:** Rate & Forms

**Duration:** July 2023 - Present

#### Project Overview:

Led a cross-functional data analysis project aimed at optimizing premium rates for vehicle insurance policies for clients, a leading insurance provider. The goal was to enhance pricing strategies based on data-driven insights, ensuring competitive yet profitable rates.

#### Role and Responsibilities:

As the Data Analyst for this project, I played a pivotal role in collaborating with various stakeholders, including: Actuarial and underwriting teams to understand existing rating models and identify areas for improvement. Development team to integrate data sources and ensure seamless implementation of updated rating algorithms. Client representatives to gather business requirements and ensure alignment with strategic goals.

## Tools and Technologies:

Excel for data validation and initial analysis  
SQL and postgresql for Data Manipulation  
Power BI for Visualization

## Data Collection:

Collected and integrated data from various sources, including policy databases, claims records, and external market indicators, in collaboration with the development team.

## Data Cleaning and Preprocessing:

Applied data cleaning techniques to handle missing values and outliers, ensuring the accuracy of the datasets used in the analysis, and collaborated with the development team to streamline data pipelines.

## Results and Insights:

Identified key risk indicators that significantly influenced insurance claims, allowing for refinement of the rating model. The collaborative efforts with the development team ensured the seamless integration of the updated rating algorithms into the existing systems.

## Visualization:

Created visualizations using PowerBI and presented findings through clear and insightful charts, aiding in communication with stakeholders, including the client representatives.

## Impact on Business:

The optimized rating model, developed in close collaboration with the development team and client, contributed to a 10% improvement in the accuracy of premium pricing. This led to enhanced competitiveness in the market and maintained a profitable portfolio, aligning with the strategic goals outlined by the client.

## UNIVERSITY PROJECTS

---

### SALES FORECASTING FOR WALMART DURING FESTIVAL SEASON

Aug 2022

- To understand the efficiency of Sales forecasting in Walmart during festival season using Multiple Regression in R
- Data Visualization using python and Tableau it gives insights about sales for Walmart during the festival

### A Study on various investment options available in India

Jan 2022

- To analyze the returns and its consistency in each sector and describe the usage of each sector and helps in investing in a right source and helps to get a cover of risk
- The data analysis reveals that the safety is important factor while doing investment so remaining avenues are less considerable while doing investment by investors

## CERTIFICATIONS

---

- Microsoft Excel from Udemy (online)
- Python from Udemy (online)
- SQL from Udemy (online)
- R From Udemy (online)
- Innovation and Start-up Policy

## ADDITIONAL

---

**Technical Skills:** SQL, Python, Excel, R, Tableau, PowerBI

**Languages:** English, Telugu

**Hobbies:** playing cricket, Internet surfing