

VIJAY.P
SALEM, INDIA
Mobile: +91 9843028895
Email: vijaypushparaj18@gmail.com
[Linkedin: https://www.linkedin.com/in/vijay-pushparaj-587b58158](https://www.linkedin.com/in/vijay-pushparaj-587b58158)

To secure a responsible career opportunity to fully utilize my training and skills, while making a significant contribution to the success of the company

AREAS OF FUNCTIONAL EXPERTISE

Quick Learner & Team Player	Energetic working attitude	Time Management
Business Development	Research & Analysis	Analytical Thinker
Dashboard Building	Data Cleaning	Learning Management System

EDUCATIONAL DETAILS

Education and Experience	University	Year
Internship on Data Analyst	TVS Supply Chain Solution, Chennai	2023(August)-continuing
Certificate on Data Analyst	360DigiTMG ,Chennai	2022(January)-2023(July)
Prepare for IBPS's Banking Exams	Salem	2021-2022
Prepare for UPSC Civil Service Exam	chennai	2018-2021
B.E-Computer science	Bannari Amman Institute of Technology,Erode	2018
HSLC	Vedhha Vikass Hr.sec School,Salem	2014
SSLC	Vedhha Vikass Hr.sec School,Salem	2012

Experience

Data Analyst Intern on TVS Supply Chain Solution, Chennai

In TVS Supply Chain Solutions, I am associated with the HR department. I am developing a dashboard for the Learning Management System. This dashboard is being developed for the Business Head to track the learning progress of employees. The dashboard is fully developed using Power BI and will be deployed on Microsoft Teams. This initiative aims to enhance the company's overall learning and development efforts by providing valuable insights and data-driven decision-making tools.

CERTIFICATIONS

Python Fundamentals by NASCOM

https://drive.google.com/file/d/1ihBg-OCI1_fJk23rSvNL5OqLb-K3RDVL/view?usp=drive_link

The NASCOM Python Fundamentals certification covers essential concepts of Python programming, including syntax, data types, control structures, and functions. It validates a foundational understanding of Python programming for beginners.

Basic Course on SQL by 360DigiTMG

https://drive.google.com/file/d/1enuzQPvw-dYjjzBCvoT2AQVFwi-Q5vWi/view?usp=drive_link

It is a basic SQL certification covers essential concept of Structured Query Language(SQL) like Important Commands, Datatypes, Joins, Constraints, Expressions and Sub-queries related to Data analysis

Data Visualization Using Power BI

https://drive.google.com/file/d/1s5SVDT0IKta90KpOWqXGgIMZTDdmHBuA/view?usp=drive_link

It is basic Data visualization certification in Power BI cover important concept like Data models, Connections, DAX Language, Views, Dashboard, Row level Security and Different Charts related to Data analysis.

Data Visualization Using Tableau

https://drive.google.com/file/d/1mN9ZJzU_N5Xt1vsxSIRbzUu4mSubOnvl/view?usp=drive_link

It is basic Data visualization certification in Power BI that cover important concepts like Data models, Connections, Calculation, DAX Language, Views, and Basic Charts and Custom Chart related to Data analysis.

Power BI Project

Predicting the flight accident rate for next decade using historical data

- Predicting the flight accident rate for the next decade is a complex task that involves analyzing various factors and trends. While I can provide some insights based on historical data, it's important to note that predicting future accident rates with certainty is not possible.
- Looking at the past, significant events such as World War II, the mid-60s to 70s, and the Twin Tower attack had a notable impact on the fatality rate of flight accidents. These events resulted in a spike in fatalities due to large-scale accidents or deliberate acts.
- To analyze the past decade's data and identify trends, we can examine accident categories and countries where accidents occur more frequently. By studying this data, we may gain insights into any shifts or patterns in the occurrence of accidents.
- However, it's crucial to consider that the aviation industry constantly improves safety measures and technologies to mitigate the risk of accidents. As a result, accident rates have generally decreased over time. But unforeseen circumstances, external factors, and human errors can still contribute to accidents.
- To accurately predict the flight accident rate for the next decade, a comprehensive analysis of multiple factors, including advancements in technology, safety regulations, operational practices, and human factors, would be required. Furthermore, unforeseen events and geopolitical situations can significantly impact the aviation industry, making precise predictions challenging.
- It's essential for the aviation industry to remain vigilant, invest in safety measures, and continuously improve risk management practices to minimize the occurrence of accidents and ensure the safety of passengers and crew.

Technology Stacks

- Python- Data preprocessing
- Power BI- Data visualization
- Power BI Report-visualization sharing

GitHub link

https://github.com/vijay-pushparaj/Aviation_sector_accident.git

Based on company's sales analysis the budget ratio of Advertisement get split

- Allocating budget to advertisement based on insights from data analytics
- Based on company sales the budget get split
- Based on company sales the the company get divided into

1). 0-10 billion dollar company,

2).10-20 billion dollar company

3).21+ billion dollar company

- Below 10-billion-dollar company, split their budget ratio of 5:3:2 for TV, News, and radio respectively.
- Above 10-billion-dollar company split their budget ratio of 7:1.5:1.5 for TV, News, and radio respectively.
The above mentioned ratio is eagle eye perspective based on company's preference it may vary But they breach this ratio
- Below 10-billion-dollar company, their aim was to reach as many people as possible so their budget
Split-up also wide, rest of company are looking for targeted customer.

<https://github.com/vijay-pushparaj/Advertismen.git>

Cement Demand Forecasting Project

Client: one of the leading French cement manufacturing company.

Business Problem: Customer is storing varying quantities of cement bags (tons) across different locations, and it is lying in the inventories where there is less demand as well. Later these bags should be transported to other places where there is high demand. This is leading to increased transportation cost and taking more time to reach the construction places, thereby leading to customer dissatisfaction.

Business Solution: We identified the methods to clean and automate the data so that data errors were reduced making the data come in a cleaner way. We identified the methods to combine the data from different databases and bring the accurate and required data into the server to come up with the right visual representations so as to analyze the data with respect to previous years, forecasted, current year and balance of the year (forecasted data based on the current month's data).

Technology Stack:

- Database: MYSQL
- BI Tools used: Power BI Desktop
- Deployment Tools: Power BI Report, Google Looker Studio

Business Benefits:

- Reduce the transportation cost by at-least 10%.
- Reduce the time taken for bags to reach destination by at least 25%.
- Achieve a cost saving of \$0.75M by reducing transportation cost.
- By reducing the spike during the Seasonal time we can save time and cost, we can able to surplus cement to market at seasonal time

(This is a real time project I cannot publish in a Public platform, If I had a chance I can able to explain)

I.T SKILLS

- Data collection-Web scraping using python.
- Data processing –Python (Pandas, NumPy), Microsoft Excel(Vlookup)
- Data visualization-Microsoft Power BI, Tableau, Google Looker Studio

PERSONAL DETAILS

Date of Birth	30/01/1996
Nationality	Indian
Languages Known	English, Tamil
Marital Status	Single
Address	Queen PG, 7 th cross street, Mettukuppam, Thoraipakkam, Chennai-600097.
Father Name	Pushparaj S