





# SAKTHIVIGNESH




DATA ANALYST

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 [Sakthi Portfolio.com](#) 

 [GitHub.com](#) 

## CONTACT

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## CERTIFICATIONS

- Data Analytics 
- Advanced Excel 
- SQL 
- Python 
- Tableau 
- Power BI 
- R Programming 

## SOFT SKILLS

- Curiosity
- Adaptability
- Communication
- Problem Solving
- Critical Thinking
- Collaboration

## LANGUAGES

Tamil (Native)



English



## ACHIEVMENT

- Participated in volleyball Tournament.  
(Conducted by STC).
- Achieved 5th place on Programmer's Day.  
(Organized in STC).
- Secured 3rd place in a Quiz Competition.  
(Organized by STC).

## ABOUT

Analytically driven and detail-oriented professional with a bachelor's degree in computer application, offering expertise in data analysis and a proven track record of transforming data into actionable insights. Seeking a challenging Data Analytics role to leverage my skills and experience to drive data-informed decisions and contribute to business growth.

## EDUCATION

- Sree Saraswathi Thyagaraja College, Pollachi.  
Bachelor of Computer Application  
2019-2022 CGPA: 6.7
- SKP Higher Secondary School, Udumalpet.  
Class XII (HSE)  
2017-2019 CGPA: 6.0

## CORE COMPETENCIES

- **Data Analysis:** Proficient in data analysis techniques, including exploratory data analysis (EDA) to identify trends, outliers, and patterns in large datasets.
- **Statistical Modelling:** Skilled in statistical modelling, hypothesis testing, A/B testing, and regression analysis.
- **Data Visualization:** Experienced in creating interactive dashboards and visualizations using tools like Tableau, Power BI, Matplotlib, and Seaborn.
- **Predictive Analytics:** Developed and implemented predictive models, resulting in a 15% reduction in customer churn.
- **Machine Learning:** Knowledge of classification, clustering, and feature engineering.
- **Data Cleaning and Transformation:** Proficient in data preprocessing, handling missing values, and outlier detection.
- **Decision Making:** Strong ability to make data-driven decisions that impact business strategies.
- **Business Intelligence:** Ability to connect data analysis with strategic business objectives to drive profitability.

## HARD SKILLS

- **Languages:** Python, R, SQL, HTML, CSS.
  - Python: Pandas, NumPy, Matplotlib, Seaborn, Selenium, DateTime.
  - R: Tidyverse.
- **Excel:** Pivot tables, formulas (V-Lookup and others), Data validation, and Conditional formatting, Data visualization.
- **Databases:** MySQL, SQL Server (DML, DDL, DCL, DQL, DTL).
- **BI Tools:** Tableau, Power BI.
- **Data Modelling:** Python, SQL.
- **Data Visualization:** Python, Tableau, Power BI, Excel.

## DATA ANALYTICS PROJECTS

### Data Analysis Portfolio Projects

#### Bank Loan Analysis

- This project employs a combination of Excel, SQL, and Tableau to create insightful dashboards and reports, empowering the bank to make informed decisions, assess lending performance, and strategize for the future.

#### Road Accident Analysis

- To develop a comprehensive Road Accident Analysis Dashboard for the years 2021 and 2022, using Power BI, Tableau, and Excel. The dashboard aims to provide insights into total casualties, accident severity, casualties by vehicle type, monthly trends, road types, area/location, day/night incidents, and overall accident statistics.

### Data Analysis Excel Projects

#### Project Management Analysis

- The Project Management Dashboard in Excel provides a centralized view of project-related data, aiding in effective project tracking and management. This dynamic dashboard allows users to monitor project progress, compare planned vs. actual performance, and analyze project status across different managers.

### Data Analysis SQL Projects

#### Air Cargo Analysis

- The project successfully implemented various SQL operations and stored procedures to analyze Air Cargo's data, providing valuable insights into customer behavior, route optimization, and revenue generation. The ER diagram facilitated a clear understanding of the database structure. Stored procedures enhanced the modularity and efficiency of repetitive tasks. The project contributes to Air Cargo's goal of improving operational efficiency and customer satisfaction in air travel services.

### Data Analysis Python Projects

#### App Rating Analysis

- Constructed a model to predict app ratings based on various features provided in the Google Play Store dataset. This project contributes to Google Play Store's objective of promoting promising apps by providing a predictive model based on user ratings and other relevant features.

#### Covid-19 Analysis

- Developed in multiple versions, the COVID-19 Analysis project employs Python, Pandas, and Matplotlib for a detailed examination of pandemic data. The project provides a comprehensive analysis and visual representation of COVID-19 data, offering insights into the pandemic's impact on countries and continents.

### Data Analysis Power BI Projects

#### Insurance Analysis

- The objective of the project is to enhance agent knowledge through a supervised predictive framework, focusing on agent segmentation. The Power BI dashboard provides a comprehensive analysis of (KPIs) and detailed insights to facilitate strategic decision-making within the insurance domain.

### Data Analysis Tableau Projects

#### Netflix Dashboard

- This project aimed to provide insights into the streaming platform's content, utilizing Tableau for visual representation and exploration. The Netflix Data Analysis Dashboard facilitated a comprehensive exploration of the platform's content. Stakeholders gained insights into the distribution of content across countries, ratings, genres, and trends over the years. The visualizations enhanced decision-making for content curation and strategy.

## PERSONAL DETAILS

**Name:** Sakthivignesh S

**Gender:** Male

**Marital Status:** Single

**Age:** 22

**Nationality:** Indian

**DOB:** 21/03/2002