







SAKTHIVIGNESH S

Data Analyst

 sakthivignesh455@gmail.com
 +91 9677647702
 Pollachi, Tamil Nadu
 [Sakthivignesh2002](#)

Summary

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:

Bachelor Of Computer Application (BCA)

Grad 2022 - *CGPA: 6.8* | Tamil Nadu

Class XII (HSE)

SKP Higher Secondary School, Udumalpet.

Grad. 2019 - *CGPA: 6.0* | Tamil Nadu

Government Higher Secondary School, Pethappampatti.

Class X (SSLC)

Grad. 2017 - *CGPA: 8.3* | Tamil Nadu

Soft Skills

- **Communication Skills:** Effective written and verbal communication to convey complex data insights to non-technical stakeholders.
- **Interpersonal Skills:** Ability to collaborate with cross-functional teams and build strong working relationships.
- **Analytical Skills:** Proficient in dissecting complex datasets and deriving meaningful conclusions.
- **Problem Solving:** Proven capability to identify and address data-related challenges.
- **Adaptability:** Quick learner and adaptable to evolving technologies and methodologies.
- **Decision Making:** Strong ability to make data-driven decisions that impact business strategies.

Hard Skills

- **Data Analysis Tools:** Python, Jupyter Notebook
- **Data Visualization Tools:** Tableau, Power BI
- **Statistical Analysis:** Regression Analysis, Hypothesis Testing, A/B Testing
- **Machine Learning:** Classification, Clustering, Feature Engineering
- **Database Management:** SQL (MySQL), Data Warehousing
- **Excel:** Advanced functions, PivotTables, Macros
- **Data Cleaning:** Data preprocessing, handling missing values, outlier detection

Languages

English (Fluent)

Tamil (Native)

Core Competencies

- **Data Analysis:** Proficient in data analysis techniques, including exploratory data analysis (EDA) to identify trends, outliers, and patterns in large datasets.
 - **Statistical Modeling:** Skilled in statistical modeling, 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.
 - **SQL Database Management:** Competent in SQL (MySQL) for database management and data extraction.
 - **Data Cleaning and Transformation:** Proficient in data preprocessing, handling missing values, and outlier detection.
 - **Problem Solving:** Proven capability to identify and address data-related challenges.
 - **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.
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Added Values

- **Strong Business Acumen:** Ability to connect data analysis with strategic business objectives to drive profitability.
 - **Project Management:** Experience in managing end-to-end analytics projects, from data collection to reporting.
 - **Data-Driven Decision-Making:** Demonstrated success in providing insights that led to informed business decisions.
 - **Presentation Skills:** Proficient in creating visually appealing and informative reports and presentations.
 - **Continuous Learning:** Committed to staying updated with the latest trends in data analytics and machine learning.
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Software

GitHub: Proficient in version control and collaborative coding.

Microsoft Office Suite: Excel, Word, PowerPoint, Outlook.

Certifications

Python for Data Science ([Simplilearn](#))

Business analytics with Excel ([Simplilearn](#))

Industry Master Class – Data Analytics ([Simplilearn](#))

SQL Fundamentals ([Simplilearn](#))

Python beginner's course in depth ([Udemy](#))

Experience

JPMorgan Chase & Co | Software Engineer Virtual Program : ([link](#))

Gained hands-on experience in software engineering and data analysis.

Collaborated with a team to implement the Perspective open-source code for data visualization using React.js, TypeScript, and Python.

Worked on interfacing with a stock price data feed using Git and Python.

Projects

Excel Data Analysis and Dashboarding Project:

- **Description:** This project involved creating a data dashboard to analyze US crime data, showcasing your analytical skills.
- **Key Accomplishments:** Imported and cleaned the crime data in Excel.
- Created interactive visualizations, such as bar charts and line graphs, to represent crime trends.
- Implemented pivot tables and slicers for user-friendly data exploration.
- Highlighted key insights from the data, such as crime hotspots and trends over time.

- Demonstrated the ability to turn raw data into actionable information for decision-makers.
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SQL Airport Customer Analysis: ([link](#))

- **Description:** This project focused on analyzing airport customer data to extract insights and provide data-driven recommendations.
 - **Key Accomplishments:** Gathered and queried customer data using SQL.
 - Conducted exploratory data analysis (EDA) to identify patterns and trends.
 - Utilized SQL functions to calculate metrics like customer satisfaction scores and average wait times.
 - Generated reports and visualizations to present findings effectively.
 - Proposed recommendations based on data analysis to improve airport services or customer experiences.
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Portfolio Website - Aug 2022: ([link](#))

Description: You developed a personal portfolio website to showcase your projects and technical skills.

Key Features

- **Home Page:** An introduction to yourself and your skills.
 - **About Page:** Detailed information about your background and expertise.
 - **Projects Page:** Displays your past projects with descriptions and links.
 - **Contact Page:** A means for visitors to reach out to you.
 - **Technologies Used:** JavaScript, HTML, and CSS3 for styling.
 - Showcased your web development skills and the ability to create a professional online presence.
 - Provided easy navigation for users to explore your portfolio and contact you.
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Sports Club Management Website - Dec 2021:

Description: This project involved designing a website for managing sports plans and student details.

Key Features:

- Implemented CRUD operations for student information (Create, Read, Update, Delete).
 - Enabled students to select their preferred sports plans.
 - Used PHP for front-end development and MySQL for the back-end database.
 - Technology Stack: PHP & MySQL.
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Achievements:

Participated in volleyball tournaments - Conducted by STC.

Achieved 5th place on Programmer's - Organized in STC.

Secured 3rd place in a quiz competition - Organized by STC.

Personal Details:

Name	: Sakthivignesh.S
DOB	: 21/03/2002
Nationality	: Indian

DECLARATION

I hereby declare that the above information furnished is true to the best of my knowledge and belief

SAKTHIVIGNESH S