# Sarath Vijayasankar

### Data Analyst

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Experienced Data Analyst with proven data management, data manipulation, data mining, data visualization, data cleaning and analytics expertise and demonstrated proficiency in utilizing tools like Power BI, Tableau, and SQL for actionable statistical analysis and committed to improving operational efficiency, forecasting accuracy, and decision-making processes across various business domains.

**Technical Skills**

Python, Power BI, Tableau, Microsoft Office (Excel, Word, PowerPoint), Google Sheets, Jira, Agile, Confluence, PandaDoc, PowerPoint, MySQL, Power Query, New Relic, Interactive Brokers, Ninja Traders, Trade Station, Data Governance, Data Mapping, Data Reporting, Monday.com, Microsoft SharePoint

**Soft Skills**

Interpersonal and Communication Skills, Organizational skills, Attention to detail, Multitasking, Flexible, Confidentiality, Problem-Solving, Time Management Skills, Critical reasoning, Strategic Thinker, Meet Deadlines, Collaboration, Etiquette, Logical Thinking

**Professional Experience**

**Data Analyst**

**CLS Catering Inc | Toronto, Canada** Nov 2023 – Present

* Data-Driven Inventory Management: Utilized pivot tables to analyze inventory data, ensuring optimal stock levels of catering equipment by tracking usage trends and performing regular data audits for efficient inventory control.
* Managed and analyzed large data sets in warehouse management system resulting in improved efficiency and accuracy of the report.
* Logistics Data Coordination: Employed pivot tables to manage and analyze data related to equipment distribution, storage logistics, and movements, optimizing availability and streamlining operations.
* Data Documentation and Reporting: Maintained detailed records of equipment usage and inventory changes using pivot tables to generate data reports and provide actionable insights for budget and resource planning.
* Budget Data Analysis: Assisted in budget management by using pivot tables to analyze equipment-related expenses, identifying patterns for cost-saving opportunities, and optimizing resource utilization.
* Shipment Data Analysis: Coordinated shipment data, including schedules, defect/return tracking, and labelling compliance, using pivot tables to collaborate with customs and ensure regulatory adherence and efficient delivery.

**Data Analyst** Mar 2023 – Oct 2023

Part-Time, Future Dream Consulting Inc. | Mississauga, Ontario, Canada

* Accumulated and consolidated data from 10 sources, including internal databases, external repositories, and client reports, ensuring 99% data accuracy.
* Evaluated extensive datasets to detect trends, patterns, and irregularities, applying Statistics techniques and data visualization tools like Power BI, Visio and Python to present actionable Analysis to stakeholders.
* Created 20 detailed reports and dashboards using Power BI, effectively conveying analyzed data to stakeholders while maintaining 100% data integrity, accuracy, and security. Database Management and regularly updated over 5, 000 records.
* Applied critical thinking to resolve issues, optimizing data management and classification procedures, leading to a 20% improvement in data processing speed.
* Integrated Tableau with MS Advanced SQL scripting to manage and visualize datasets exceeding ten million records, enabling 25% more accurate Analysis of customer behaviour and business performance.
* Demonstrated proficiency in report writing to communicate complex data findings clearly, concisely, and promptly.

**MIS Analyst** Aug 2020 - Jan 2023

ICICI Lombard | India

* Utilized Excel for comprehensive report generation, streamlining data-driven insights for management, improving reporting efficiency by 25%.
* Developed proficiency in retail banking products and services, applying this knowledge to optimize project outcomes and client satisfaction.
* Conducted Anti-Money Laundering (AML) and Know Your Customer (KYC) checks, ensuring compliance with regulatory standards and minimizing risk exposure.
* Utilized data bricks to streamline data processing tasks and improve efficiency of data analysis.
* Gained 3-4 years of experience in a coordinator role within the financial field, focusing on enhancing project delivery and stakeholder communication.
* Developed proficiency in retail banking products and services, applying this knowledge to optimize project outcomes and client satisfaction.
* Applied strong analytical skills to develop data-driven solutions, improving operational efficiency within the bank’s reporting and compliance workflows.
* Supported project management initiatives by using basic VISIO skills for effective process visualization and documentation, facilitating clearer stakeholder engagement.
* Contributed to multiple banking projects by employing project management principles, enhancing team coordination and delivering projects on schedule.

**Data Analyst** Jun 2017 - Jul 2020

Alokin Software | India

* Leveraged Business Intelligence tools like Power BI and Tableau to analyze and interpret complex datasets, driving significant improvements in strategic decision-making processes.
* Created interactive dashboards using Microsoft PowerApps, enabling the team to make data-driven decisions more efficiently, leading to a 20% increase in decision-making efficiency and reducing manual reporting time by 15 hours per week for a team of 10 analysts.
* Developed 10 interactive dashboards and reports in Power BI, which enhanced operational efficiency by 20% through real-time insights and actionable analytics.
* Utilized strong presentation skills to effectively communicate complex data insights to non-technical stakeholders, ensuring team alignment and understanding.
* Created 10 data visualization tools using Power BI, resulting in a 30% increase in data-driven decision-making processes.
* Utilized CRM software Monday.com for predictive analysis, leading to a 20% improvement in campaign effectiveness by identifying key customer segments for targeted marketing strategies, optimizing resources, and increasing customer engagement.
* Collaborated with cross-functional teams to design customized Tableau dashboards, reducing report generation time by 20% and enhancing operational efficiency.

**Management Information System Analyst** Dec 2014 - May 2017

ICICI Bank | India

* Enhanced the efficiency of claims processing by 15% through meticulous data analysis and effective collaboration with the billing department.
* Detected 10 instances of fraudulent activities by applying time series analysis to billing data, significantly bolstering the bank's preventive measures against financial losses.
* Devised innovative solutions to five key data integration challenges, improving data accuracy and consistency across systems by 25%.
* Spearheaded process enhancements in data collection and analysis methods, achieving a 20% boost in efficiency and a 10% reduction in data processing errors.
* Streamlined data warehousing systems using Data Bricks, achieving a 30% increase in data processing speed.
* Leveraged extensive knowledge in Management Information Systems to fortify data integrity, privacy, and security, resulting in a 20% decrease in data breaches and a 30% increase in compliance with banking regulations.
* Applied principles of banking informatics to optimize data processing workflows, increasing operational efficiency by 35% and reducing analytics reporting time by 25%.
* Generated over 50 comprehensive reports from banking data, supporting strategic decision-making and contributing to a 20% improvement in financial outcomes.
* Improved decision-making processes by conducting detailed business analysis on collected data, leading to a 20% enhancement in project efficiency and a 15% reduction in operational costs.
* Enhanced data extraction, interpretation, and analysis by implementing business rules, resulting in a 25% improvement in data accuracy and a 20% faster decision-making process.

**Portfolio Analyst** Dec 2009 - Nov 2014

Spectrum Softech Solutions Pvt. Ltd | India

* Utilized Time Series Analysis to identify historical US stock market data trends, supporting real-time trading in the US Share market on Stocks, Futures, and Options.
* Created 5 Forex Futures pairs such as CAD-NZD and USD-GBP, enabling more diverse trading strategies.
* Leveraged background in economics to forecast market trends, inform strategic decision-making and drive positive business outcomes.
* Delivered timely, accurate reports through a self-driven approach to work, leading to enhanced business decision-making.
* Provided daily real-time updates for 100 transactions, generating 30 reports monthly, and applied Correlation analysis to create index pairs like S&P 100 - Dow Jones and Nasdaq - S&P 500.
* Proficient in using various tools and software for efficient data ingestion, I successfully streamlined data pipelines, resulting in a 30% reduction in processing time and a 25% improvement in data accessibility. By ensuring high data accuracy, I contributed to more precise data analysis and better-informed business decisions.
* Implemented User Stories in analyzing data trends which increased efficiency by 20%.
* Responsible for maintaining data integrity through rigorous data syndication protocols, significantly reducing errors in downstream analysis.
* Leveraged A/B Testing to optimize marketing campaigns and drive data-driven decisions, resulting in a 25% increase in conversion rates.
* Developed advanced Excel functions to automate Financial Reporting, reducing errors by 20% in my role as a Portfolio Analyst.
* Demonstrated ability to make decisions under tight deadlines, effectively prioritizing tasks for efficiency.
* Implemented data-driven solutions to meet Business Objectives, resulting in increased productivity and efficiency. Managed integration of API to enhance data retrieval processes for regular market trend analysis.
* Leveraged data science expertise to design and execute A/B testing, significantly improving marketing strategies.
* Monitored the automated trading dashboard and generated the report. Used Power BI for data modelling, dashboard creation, and report generation to drive business decision-making.

**Education**

Bachelor of Mathematics | Mahatma Gandhi University, India

Master of Applied Statistics with Computer Application | Mahatma Gandhi University, India