

# SIVA SATYA NANDA SUJITH GOKAVARAPU

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## Summary

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Dedicated Business Analyst with 3 years of experience driving data-driven insights and process optimization. Expertise in gathering and documenting business requirements, conducting thorough data analysis, and collaborating with cross-functional teams to enhance operational efficiency. Adept at translating complex data into actionable recommendations for informed decision-making. Proven track record of successfully leading process improvement initiatives and managing end-to-end project lifecycles. Seeking to leverage my analytical skills and strategic mindset to contribute to a dynamic organization's growth and success.

- Excellent understanding of business operations and analytics tools for effective analysis of data and experience in validating and analyzing Hadoop log files.
- Generated tableau dashboard of sales with sales target by blending the data.
- Proficient in Functional, Regression, Integration, End to End and User Acceptance (UAT) testing.
- Experience in Developing and document Business Requirement Documents (BRD), Functional Requirement Documents (FRD), System Requirement Specification (SRS), Business, Requirement Traceability Matrix (RTM), Gap analysis "AS-IS" and "TO-BE", process workflows etc.
- Efficient in creating Data Flow diagrams (DFD), Use Case, Activity and ER Diagrams.
- Expertise in handling JIRA – Project Management tool, create version, create an epic and create Jira stories.
- Used Python and Django creating graphics, XML processing, data exchange and business logic implementation.
- Strong skills in visualization tools Power BI, Microsoft Dynamics, MS Excel - formulas, Pivot Tables, Charts and DAX Commands.
- An excellent team player & technically strong person who has capability to work with business users, project managers, team leads, architects and peers, thus maintaining healthy environment in the project.
- Created views in Tableau Desktop that were published to internal team for review and further data analysis and customization using filters and actions.
- Responsible for overseeing customer requirements, development, testing and deployment of Microsoft CRM projects.

## EDUCATION

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### New York Institute of Technology, New York, USA

Master's in data science | **GPA: 3.65**

Relevant Courses: Probability and Statistics, Data Mining, Machine Learning, Big Data Analysis, Optimization for Data Science, Deep Learning, Data interaction, and Visualization.

### Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science & Technology, Chennai, India

Bachelor of Technology in Computer Science & Engineering | **GPA: 3.3**

Relevant Courses: Data Base Management, Big data Architecture, and Tools, Artificial Intelligence, Data Structure, Data Warehouse

## TECHNICAL SKILLS

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<b>Programming Languages</b>	Python, C, R Programming, HTML5, CSS,
<b>Data Visualization</b>	Tableau, Power BI, Plotly, AWS Canvas, Google Charts
<b>Database</b>	MySQL, MongoDB, Postgres, SQL Server, PySpark
<b>Technologies</b>	SharePoint, Hadoop MR, Spark, Flume, Hive, Sqoop, Kafka,
<b>Cloud</b>	AWS Cloud
<b>Machine Learning and Deep Learning Algorithms</b>	Support Vector Machine, Random Forest, Decision Tree, K-Means and Fuzzy Clustering, KNN, LDA, QDA, MLP, CNN, RNN, NN, MLP, LSTM

## PROFESSIONAL EXPERIENCE

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### Erie Insurance, Erie, PA

Business Analyst

September 2021- Present

- Collaborated with cross-functional teams to gather and document business requirements for various projects, ensuring alignment with organizational goals.
- Conducted in-depth data analysis using SQL, Excel, and other tools to identify trends, patterns, and insights, resulting in actionable recommendations.
- Played a key role in improving operational efficiency by identifying bottlenecks in business processes and proposing solutions that led to a 15% increase in productivity.
- Developed and delivered detailed reports and presentations to senior management, providing strategic recommendations and insights.
- Managed project lifecycles, from requirements analysis and design to testing, implementation, and post-launch support.
- Led process improvement initiatives, identifying bottlenecks, and suggesting optimization strategies that resulted in a 12% increase

in operational efficiency.

- Handled several SQL queries for manipulating the data also involved in Data Migration using ETL.
- Created Data Models with fact and dimension tables using snow-flake schema.
- Functioned as the primary liaison between the business line, operations, and the technical areas throughout the project life cycle.
- Performed task decomposition, delegated tasks, and monitored Project Milestones using MS Project.
- Created test cases and test scripts Conducted User Acceptance Testing (UAT), Unit testing and System testing.

**Environment:** Python, SQL, Power BI, MS Excel, UAT, ETL, Snowflake, MS Project, .

## Aaiwa, India

July 2020 – August 2021

### *Business Analyst*

- Designed and worked on combining various databases using **SQL Queries**.
- Implementing Data Exploration and Data Visualization using **Matplotlib, and Seaborn**.
- **15%** increase in sales served as evidence of the successful outcome.
- Worked **cross-functionally** with stakeholders and engineering teams to effectively convey analytical results.
- Perform daily, weekly, and monthly reviews and analyses of current processes using operational metrics and **10+** interactive reports using Tableau.
- Provide members of management with in-depth reports on the significance of the acquired data and assist them in identifying situations by modifying the data.

**Environment:** Python, SQL, Tableau, MS Excel, AWS Cloud, ETL Pipeline.

## ACADEMIC PROJECTS

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### Uber & Lyft Price Analysis

December 2022 – May 2023

*Skills and Tools: HTML, CSS, Tableau, Machine Learning Algorithms*

- Provided Lyft & Uber customers to make the **optimal commuting** choice.
- Built interactive **10+** filters, parameters, and computations for tableau worksheets and dashboards.
- Designed and constructed a plot to **analyze** how various aspects affect business strategists.
- Develop several algorithms, such Logistic Regression, **Random Forest Regressor** to anticipate which ride is more optimal.
- To achieve a **98% accuracy level**, the model's output was integrated with additional assessment criteria.
- Use HTML and CSS to build a website using **SharePoint** to display results.