

GNANADEEP SETTYKARA

Data Analyst

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🌐 [LinkedIn](#)

🌐 [Portfolio](#)

🐙 [GitHub](#)

Professional Summary

Certified **Google Data Analytics Professional** and experienced Data Analyst with 3+ years of experience, skilled in optimizing ETL processes, utilizing SQL, Python, R, and Tableau to analyze complex datasets, develop predictive models, and create insightful dashboards and reports. Demonstrated ability to drive data-driven decision-making and improve operational efficiency by up to 50%. Skilled at collaborating with cross-functional teams to gather requirements, develop data models, and implement advanced statistical techniques for A/B testing and hypothesis testing, resulting in significant improvements in campaign effectiveness, patient care quality, and customer engagement.

Education

Arizona State University

Master of Science in Computer Software Engineering; GPA: 4.0/4.0

August 2022 – May 2024

Tempe, AZ

Vignan's Foundation for Science, Technology and Research

Bachelor of Technology in Computer Science; GPA: 9.86/10.0

July 2018 – June 2022

Vadlamudi, India

Experience

Epic

May 2023 – Present

Data Analyst

Verona, WI

- Analyzed complex healthcare data sets to identify trends, patterns, and insights, driving data-driven decision-making and improving operational efficiency by 30%.
- Developed and maintained over 15 dashboards and reports using Tableau and Power BI, providing real-time access to key performance indicators and metrics for 20+ stakeholders.
- Conducted root cause analysis on healthcare data anomalies, implementing corrective actions and improving data reliability and quality by 20%.
- Leveraged advanced statistical techniques to conduct hypothesis testing and A/B experiments, driving a 10% improvement in healthcare services and patient satisfaction.
- Collaborated with data engineers to optimize ETL processes, enhancing data processing efficiency and reducing data pipeline latency by 20%.

Magna Info Tech

May 2020 – July 2022

Data Analyst

Bangalore, India

- Upgraded the data and reporting infrastructure from the ground up using Tableau and SQL to provide real-time insights into the product, marketing funnels, and business KPIs resulting in 15% more efficiency
- Supervised and executed performance-tuned complex SQL queries for data analysis and profiling, resulting in a 20% reduction in query execution time.
- Collaborated in the development of data pipelines using AWS S3 and Azure, leading to a 30% reduction in data storage costs and a 25% improvement in data retrieval efficiency
- Provided support for ad-hoc data requests and analysis, delivering actionable insights within tight deadlines and supporting rapid decision-making, resulting in a 10% increase in project turnaround speed.

Technical Skills

Languages: Python (Scikit-Learn, Keras, Pandas, NumPy, Matplotlib), R, SAS, SQL (MS SQL, PostgreSQL, NoSQL)

Tools: Tableau, Power BI, Microsoft Excel, Spreadsheets, Git, GitHub, VS Code, RStudio, Jupyter, JIRA

Big Data: Hadoop, HDFS, Apache Spark, Kafka, Airflow, DBT, ETL, Hive

Machine Learning & Statistical Methods: KNN, Regression, Supervised & Unsupervised Learning, Statistics, Hypothesis Testing, Deep Learning, Random Forest Algorithm, K-Means Clustering algorithm, Exploratory Data Analysis

Cloud Technologies: AWS (Lambda, DynamoDB, S3, EC2, EMR, RDS, ECS, Glue), Azure (Azure Databricks, ADF, Azure Data Explorer, Azure OpenAI, ADLS), Snowflake, SageMaker

Projects

Bellabeat Fitness Data Analysis | *R, SQL, Excel, Data Visualization, Product Analytics, Customer Service* ([link](#))

Real-time Stock Market Data Engineering | *Python, AWS S3, EC2, Apache Kafka, Glue, Athena, SQL* ([link](#))

Prediction Of Solar Energy Generation | *Python, Pandas, LSTM, TensorFlow, Keras, Flask, Predictive Modeling*

Real-time Stock Market Data Engineering | *Python, AWS S3, EC2, Apache Kafka, Glue, Athena, SQL* ([link](#))

Sea Level Predictor | *Python, pandas, matplotlib, linear regression* ([link](#))