# Gowtham Chandan Raju

Data Analyst | USA | gowthamchandanraju9@gmail.com | +1(551) 233-9689

## Summary:

Highly skilled Data Analyst with expertise in advanced analytics, statistical modeling, and machine learning. Proficient in tools like Python, SQL, Tableau, Power BI, and cloud platforms, with a passion for solving complex business problems. Proven ability to collaborate with cross-functional teams, lead data-driven projects, and deliver actionable insights that enhance business outcomes. Adept at automating workflows, building predictive models, and ensuring data quality. Demonstrated leadership and team collaboration skills in delivering innovative data solutions and driving strategic business decisions.

## Skills & Tools:

**Data Analysis Tools:** Python, R, SQL, Excel, Jupyter Notebooks, RStudio.

**Data Visualization:** Tableau, Power BI, Looker, DataRobot.

**Machine Learning:** Pandas, NumPy, Scikit-learn, TensorFlow.

**Big Data:** Hadoop, Apache Spark, Apache Airflow.

**Cloud Platforms:** AWS, Google Cloud, Microsoft Azure.

**Databases:** PostgreSQL, Snowflake, MySQL, Redshift.

**ETL Tools:** DBT, Fivetran.

**Business Intelligence:** Power BI, Tableau, Oracle BI.

**Data Automation:** Python, SQL, PowerShell.

**Version Control:** Git, GitHub, Bitbucket.

**Agile Methodologies:** Scrum, Kanban

## Education:

**MS in Data Science: Statistical Track**     New Jersey Institute of Technology, Newark, NJ

## Professional Experience:

Unum | Data Analyst USA     May 2024 - Present

TECH USED: SQL, PYTHON, TABLEAU, POWER BI, R, EXCEL, HADOOP, GOOGLE CLOUD, JUPYTER NOTEBOOKS, GIT, APACHE SPARK, APACHE AIRFLOW, AWS, MICROSOFT AZURE, ETL PIPELINES.

- Developed and maintained interactive dashboards and reports, to support data-driven decision-making for key business units, resulting in a 12% improvement in operational efficiency across teams.
- Conducted exploratory data analysis (EDA), on large datasets to uncover trends and correlations that inform business strategy, leading to actionable insights that improved customer retention by 8%.
- Built and optimized automated data pipelines, using Apache Airflow to streamline data processing and reduce manual effort, cutting processing time by 25%.
- Collaborated with product and engineering teams, to implement machine learning models for predictive analytics, resulting in a 10% increase in resource utilization efficiency.
- Ensured data accuracy and integrity, by performing routine validation and quality checks, leading to a 15% reduction in reporting errors.

- Led a team of 3 junior analysts, mentoring them on best practices for data analysis, modeling, and automation, which increased team productivity by 20%.

Hexaware Technologies | Data Analyst India                                    Jan 2020 - Jul 2022

TECH USED: SQL, PYTHON, TABLEAU, POWER BI, EXCEL, R, AWS, APACHE HADOOP, SPARK, GIT, POSTGRESQL, SNOWFLAKE, DBT, DATAROBOT.

- Developed ETL processes, to extract, transform, and load data from various sources, ensuring a 98% accuracy rate for client reporting.
- Created and deployed interactive dashboards and reports, to visualize key performance indicators for clients in the healthcare and finance sectors, enabling a 20% improvement in business decisions.
- Applied statistical modeling and machine learning algorithms, to analyze complex datasets and predict business outcomes, which led to a 15% reduction in operational costs for clients.
- Automated repetitive data processing tasks, to increase productivity and minimize human error, resulting in a 30% reduction in manual effort.
- Collaborated with cross-functional teams, to integrate cloud-based data warehousing solutions such as Snowflake and AWS, improving data storage and processing efficiency by 18%.
- Led training sessions for junior analysts, to ensure effective use of tools and best practices, which helped improve the team's technical capabilities by 25%.

## Leadership & Team Collaboration:

- Led a team of 3 junior analysts at Unum, providing mentorship and fostering a collaborative environment that boosted team productivity by 20%.
- Collaborated cross-functionally with product, engineering, and business teams to align data strategies with business objectives, enhancing decision-making and operational efficiency.
- Acted as a key point of contact between technical teams and non-technical stakeholders, ensuring seamless communication and successful project delivery.

## Certifications & Training:

- Google Data Analytics Professional Certificate
- Certified Data Analyst (DataCamp)
- SQL Advanced (HackerRank)
- AWS Foundations (Amazon Skill Builder)

## Why I'm a Great Fit for Level Infinite:

With a strong background in data analysis, machine learning, and predictive modeling, combined with leadership experience in delivering innovative solutions. My ability to collaborate across teams, build data-driven strategies, and implement machine learning solutions aligns well with your vision of leveraging cutting-edge technology to solve complex challenges in the industry.

## Equal Opportunity Employer Statement:

I am committed to fostering an inclusive work environment where diverse voices contribute to innovation, ensuring that every team member feels supported and inspired.