

VISHNUGUPTHAA RAMIDI

Data Analyst | (929) 613-8236 | ramidivishnugupthaa@gmail.com | [LinkedIn](#) | [GitHub](#)

SUMMARY

- Data Analyst with 4+ years of experience in statistical data collection, organization, interpretation, and dissemination, with expertise in Python, SQL, and R, along with Object-Oriented Programming concepts.
- Proficient in software development methodologies including Agile and Waterfall, with hands-on experience in developing Tableau, PowerBI dashboards and visualizations. Skilled in creating advanced visualizations and dashboards using Tableau, and adept in using version control tools like Git, as well as various Python and R packages such as spaCy, Pandas, and Matplotlib.

EDUCATION

California State University Dominguez Hills - **Master of Science in Computer Science Engineering** May 2024
Keshav Memorial Institute of Technology - **Bachelor of Technology in Computer Science Engineering** Jun 2021

TECHNICAL SKILLS & CERTIFICATIONS

- Technical tools & skills : Python (numpy, pandas, matplotlib, ggplot, scikit-learn, seaborn, nltk), PySpark, R, SQL, MySQL, SAS, Tableau, Power BI, Generative AI, Git, GitHub, JavaScript, Scala.
- Big Data tools : Microsoft Azure (Data Lake, Databricks), GCP, AWS, Snowflake, Oracle, Jupyter Lab, MS Excel (Pivot, Power Query, Power Pivot, Vlookup, VBA, Macros), Google Analytics, Data Pipelines, Informatica ETL, Data Warehousing.
- Project Management : JIRA, Agile methodology, Kanban, SCRUM, MS Project, Jenkins.
- Certifications : [Gen AI](#) | [Data Analysis](#) | [GitHub](#) | [Program Management](#) | [Certified Spark Developer](#) | [Introduction to AI](#) | [Data Science](#) | [Specialization](#) | [Practical Machine Learning using TensorFlow](#)

WORK EXPERIENCE & ACADEMIC PROJECTS

Data Analyst | CSUDH | Aramark, Carson, CA Sep 2022 – May 2024

- Streamlined financial processes and optimized budget management using tools like EBT, PRIMA Web, and Market PRO (Birch Street), ensuring accurate data entry and expense tracking.
- Managed full invoice lifecycle, resolving discrepancies to maintain financial integrity and ensuring timely processing of raw material orders.
- Collaborated with finance teams to deliver detailed budget analysis, supporting strategic decisions through data-driven insights and comprehensive documentation.
- Analyzed large datasets and payroll information using advanced Excel skills, creating reports and actionable insights that informed business and financial strategies.

[Cancer-Type-Prediction-and-Exploration-of-TCGA-Data](#) | Academic Project | Cedars - Sinai Feb 2024 – May 2024

- Conducted exploratory data analysis (EDA) on healthcare datasets with over 10,000 entries using Python libraries such as pandas, numpy, and matplotlib. Refined and cleaned data, resulting in an 18% improvement in machine learning model performance and a 20% reduction in analysis time.
- Developed and implemented machine learning algorithms for healthcare predictions, achieving 98% accuracy, and created 30+ visualizations using PCA and K-means clustering for data interpretation. Collaborated with healthcare professionals and documented findings in detailed reports, effectively communicating insights that supported strategic decision-making and improved patient outcomes.

Associate Data Analyst | TCS, Bengaluru, India Jun 2021 – Aug 2024

- Spearheaded advanced data analysis using SQL, Python (Pandas, NumPy), and cloud platforms (Azure, AWS), uncovering trends and anomalies that drove a 25% improvement in data processing efficiency.
- Engineered and deployed scalable data applications with SQL, Scala, and Apache Spark, accelerating data processing speed by 30% and improving customer satisfaction by 10% for over 1TB of daily data.
- Optimized ETL pipelines and automated 50% of data processing tasks using Python, reducing data latency by 40%, enabling real-time analytics, and earning the 'Star Performer' award for leading a system migration project in Agile teams.

[Graphology](#) | Academic Project | KMIT Jul 2021 – Aug 2021

- Led the development of a handwriting-based personality profiler app, utilizing OpenCV for feature extraction and TensorFlow for model creation, achieving 82% validation accuracy and providing actionable behavioral insights.
- Engineered a machine learning model with advanced data preprocessing, including normalization and augmentation, analyzing over 1,000 handwriting samples and achieving 85% accuracy in identifying personality traits.

Engineering Intern | OpenText | Hyderabad, India Oct 2019 – Aug 2020

- Accomplished Quality Assurance Engineer with expertise in Python GUI Automation (PyGUI) and Java-based web automation using Selenium, JUnit, and TestNG.
- Proven ability to collaborate with cross-functional teams, developing and executing automated tests to improve testing efficiency and ensure timely, high-quality product releases..