

VIGNESH S

Analytical Data Science Professional

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CAREER SUMMARY:

Detail-oriented Data Analyst with a solid background in information technology and extensive experience in data processing, analysis, and visualization. Adept at transforming complex datasets into actionable insights and delivering high-impact solutions. Committed to continuous learning and leveraging analytical skills to drive business growth and improve operational efficiencies.

WORK EXPERIENCE:

Odessa Solutions Private Limited

Bangalore, India

Software Engineer

May 2023 - March 2024

- Utilized SQL queries for data verification and transformation, supporting testing and analysis.
- Increased test coverage by 40% and reduced bug incidence by 35% through automated testing scripts.
- Enhanced system performance by 30% via regression analysis, improving testing efficiency by 25%.

Associate Software Engineer

August 2022 - May 2023

- Optimized data processing by 40% utilizing SQL, significantly enhancing data retrieval speed.
- Aligned business logic with accurate data mappings, accelerating project deliverables.
- Collaborated with backend teams to validate ETL outputs and exposure to data warehousing concepts while querying and validating datasets.

RELEVANT PROJECTS:

TripCheck – A Journey Within You for a Better Self

- Identified early signs of drug addiction risk using behavioral and socio-economic data for timely support.
- Clustered meaningful risk categories from unlabeled data without compromising user privacy.
- Developed an ANN model achieving 95% accuracy along with a Streamlit-based interface for risk assessment.

StartupLens - An Exploration of the Indian Startup Funding Ecosystem

- Developed a Power BI dashboard to explore startup funding trends, investor behavior, and regional patterns.
- Identified sectoral growth in fintech and edtech between 2015–2022.
- Highlighted emerging opportunities in Tier-2 and Tier-3 cities post-COVID.
- Enabled data-driven decision-making for founders, analysts, and policy planners.

EDUCATION:

B.Tech in Information Technology, 2023

Sri Ramakrishna Engineering College, Coimbatore

Postgraduate Program in Data Science and Analytics, 2025

Imarticus Learning, Coimbatore

SKILLS:

- **Languages :** SQL, Python
- **Tools & Platforms :** Power BI, Excel, Tableau, JupyterLab, VS Code, Google Colab, MySQL
- **Technical :** Hypothesis Testing, Data Visualization, Deep learning (ANN, CNN), Machine Learning Algorithms, Exploratory Data Analysis, Feature Engineering, ETL, Natural Language Processing (NLP), Data Warehousing, Large Language Models (LLMs)
- **Soft skills :** Critical thinking, Time management, Team collaboration, Attention to details, Problem solving, Self learning, Result orientation