

Ajaychary Kandukuri

ajaycharykandukuri06@gmail.com | 3305540715 | linkedin.com/in/ajaychary

SUMMARY

Results-driven Data Science graduate with experience in business analysis, market research, and data-driven decision support. Skilled in Excel, SQL, and financial modeling, with proven ability to conduct cost-benefit analyses, develop pricing strategies, and deliver actionable insights. Strong communicator with experience supporting business development, proposal writing, and client-focused reporting in technology-driven environments.

EDUCATION

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| Kent State University , M.S. in Data Science | May 2025 |
| • GPA: 3.67/4.0 | |
| Vel Tech University , B.Tech. in Computer Science and Engineering | May 2023 |
| • GPA: 3.44/4.0 | |

TECHNICAL SKILLS AND TOOLS

Languages: Python, R, SQL, HTML, CSS

Tools & Platforms: Microsoft Excel, PowerPoint, Word, Power BI, Tableau, Microsoft Project

Analytics & AI: Market Analysis, Cost-Benefit Analysis, Forecasting, Financial Modeling, Data Visualization, Business Case Development

Core Skills: Business Development Support, Proposal Writing, Client Communication, Strategic Analysis, Problem-Solving, Workflow Management

EXPERIENCE

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| Full Stack Developer Intern , Infinity Connects Media – Visakhapatnam, India | Jan 2023 – May 2023 |
| – Built and deployed full-stack web application with HTML, CSS, JavaScript, Node.js, Express, Git, and Agile . | |
| – Optimized REST APIs, SQL queries, caching, boosting efficiency and cutting load times by 25%. | |
| – Enhanced UI/UX with reusable components, raising engagement by 30%, and delivered project 2 weeks early. | |

PROJECTS

Real-Time Product Clickstream Analytics | Kafka, Spark, Airflow, Flask, Tableau

- Built real-time pipeline with **Kafka + Spark** to process **100K+ events/min**.
- Automated **ingestion with Airflow**, storing structured outputs in **Parquet/CSV**.
- Delivered dashboards in Flask & Tableau, **reducing reporting time by 40%** for 50+ users.

Clinical Outcomes & Survival Analytics Platform | Python, R, SQL, KM, Cox, Logistic Regression

- Modeled **10K+ trial records** with Kaplan-Meier, Cox, and Logistic Regression.
- Delivered interactive Streamlit & Power BI dashboards with cohort-level survival insights.
- Cut **manual analysis by 35%** and improved reporting **accuracy by 20%**.

Predictive Spend & Supplier Risk Pipeline | Python, Prophet, Power BI

- Processed **50K+ procurement records**, engineering features for spend analysis.
- Built Prophet forecasts and Isolation Forest risk scores, **raising vendor accuracy by 20%**.
- Delivered **Power BI dashboards and Streamlit app**, improving visibility for C-level executives.

CERTIFICATIONS

Advanced SQL – HackerRank | Databricks Lakehouse Fundamentals – Databricks | Data Analyst - Udemy