Aravind Anisetti

Data Analytics | anisetti.ar@gmail.com | (804) 585-5047.

Analytics Portfolio: https://aravind-bit.github.io
GitHub: https://github.com/aravind-bit

Data Analytics Engineer with 7+ years of experience with enterprise analytics, infrastructure modernization, building self-service reporting products. Strong background in SQL, Python, AWS, and BI dashboard development. Strong domain expertise in economic analytics, digital media, aviation, and operational metrics

PROFESSIONAL EXPERIENCE

Data Analytics Engineer – Federal Aviation Administration (FAA)
Karsun Solutions LLC, Washington, DC.   **Mar 2021 – Present**

- Owned the full lifecycle of an FAA business units reporting application — pitched the idea, gathered requirements, and led development through release.
- Built and maintained ETL pipelines (AWS Glue/Lambda/Redshift, Python/SQL) powering executive-level KPI dashboards.
- Delivered SQL/Python transformations supporting policy, compliance, and operational reporting.
- Led developers and data engineers to modernize legacy reporting into a scalable analytics platform using AWS, Power BI, and Tableau.
- Improved pipeline reliability and ingestion speed by 20% through validation, metadata cleanup, and performance tuning. Performed data modeling and defined KPI metrics used across business reporting.

Data Science Consultant – Nexus IT   **Feb 2020 – Mar 2021**

- Built credit derivatives forecasting models in AWS SageMaker (Python, boto3), improving predictive accuracy by 12% and supporting research analysts with early credit-spread movement indicators.
- Designed Tableau and R dashboards for portfolio exposure, sector risk, macro indicators, and cross-asset correlations which are used weekly for investment research.
- Partnered with analysts to convert manual Excel workflows into automated analytics pipelines, speeding up weekly and monthly credit-risk reporting cycles

Data Analyst & Engineer – Cisco & Kaiser Permanente
Contracting   **Apr 2018 – Dec 2019**

- Migrated digital marketing and campaign performance data from Oracle to Snowflake, improving dashboard load times and resolving numerous legacy data quality issues along with building a time-series forecasting model to improve marketing ROI estimates and supporting A/B testing for audience measurement and media spend optimization.
- Delivered BI dashboards for security lifecycle KPIs at Cisco, enabling quicker root-cause analysis for security incidents and evaluated machine learning algorithms for performance and scalability and documented ETL pipelines, architecture, and metadata standards for ongoing analytics initiatives.

SELECT ANALYTICS PORTFOLIO PROJECTS

- **FinSense** | Earnings Call Analyst (NLP + LLM)
  Designed an LLM-powered pipeline to analyze earnings-call transcripts, extract sentiment, identify risk themes, and generate concise portfolio-level summaries.

- [OnePlan AI](#) | Intelligent Media Budget Optimizer (Python + Tableau + Business Rules Engine)
  Built an AI-driven budgeting sandbox, modeling cross-channel media spend tradeoffs and providing scenario-based recommendations.

EDUCATION

- Master of Science in Engineering & Operations Management from University of New Haven, CT.
- Bachelor of Technology in Electronics & Communication Engineering from JNTU, India.

CERTIFICATIONS

- AWS Solutions Architect Associate
- AWS AI Practitioner
- Tableau Desktop Specialist
- Alteryx Designer Certification

TECHNICAL SKILLS

- Business Intelligence & Analytics: Power BI (DAX, semantic layer design), Tableau, KPI frameworks, reporting QA, dashboard governance.
- Data Management: SQL (PostgreSQL, Redshift, T-SQL), Snowflake, SQL Server, Oracle; data modeling, metadata management.
- Cloud & ETL: AWS (Glue, Lambda, Redshift, SageMaker, S3, EC2), Python automation, Airflow orchestration, CI/CD (GitHub Actions).
- Programming: Python (Pandas, PySpark, Scikit-learn), R (Tidyverse), Jupyter, forecasting & risk indicators, anomaly detection