SAITEJ SAGI

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OBJECTIVE

Data Analyst with 4+ years in healthcare and finance analytics, specializing in data modeling, extraction, and visualization using Python, SQL, R, Power BI, Tableau, and cloud platforms (AWS, Azure). Seeking full-time data analyst roles.

EDUCATION

Webster University *Master's, Information Technology and Management* Aug 2022 – May 2024

Coursework: Artificial Intelligence, Cloud Computing, Machine Learning, Software Engineering

Jawaharlal Nehru Technological University *Bachelor of Engineering, Computer Science* Aug 2016 – May 2020

Coursework: Data Structures, OOP, Database Management, Artificial Intelligence, Data Analytics

SKILLS

Languages & Tools: Python (Pandas, NumPy, Seaborn, Scikit-learn, Matplotlib), R, SQL (Window Functions, CTEs, Joins, Stored Procedures, Query Optimization), Git, GitHub, APIs (REST/JSON), SAS, SPSS, SAP HANA

Data Engineering & Warehousing: Snowflake, BigQuery, Redshift, MySQL, SQL Server, Oracle, MongoDB, DuckDB, Delta Lake, Databricks, Great Expectations

Cloud Platforms:AWS (S3, Redshift, Athena, Lambda), Azure, Google Cloud (BigQuery, Cloud Storage)

BI & Visualization: Power BI, Tableau, Looker, Power BI Service, Excel (Pivot Tables, Macros, VBA), KPI Dashboards

Workflow & Pipelines:dbt, Apache Airflow, ETL (SQL + Python), SSIS

Statistical & ML Techniques: Regression, Classification, Clustering, Time Series, A/B Testing, Hypothesis Testing, Experiment Design, Descriptive Statistics, AutoML tools

Development & Workflow Tools: Jupyter, VS Code, MS Visio, Agile/Scrum, CI/CD (GitHub Actions), SDLC

Soft Skills: Data Storytelling, Problem-Solving, Stakeholder Communication, Collaboration, Critical Thinking, Data Governance

Certifications: AWS Certified Cloud Practitioner, AI Practitioner

EXPERIENCE

Cardinal Health USA Jul 2024 – Present

Data Analyst

- Utilized Python libraries such as Matplotlib and Seaborn to automate data visualizations, reducing reporting time by 60% for the Quality team and providing timely insights into Behavioral Health and Pharmacy metrics.
- Extracted and transformed data from MySQL databases, integrating multiple data sources to ensure accuracy, enabling informed clinical decision-making, and supporting key healthcare initiatives such as Member Engagement and Clinical Performance.
- Developed and deployed interactive Power BI dashboards to track healthcare KPIs, leading to a 25% reduction in patient wait times and a 12% improvement in first-call resolution, thereby improving operational efficiency.
- Created and maintained Advanced Excel dashboards using Macros, VBA, VLOOKUP, and Pivot Tables to track essential KPIs, providing valuable insights that supported the alignment of Quality strategies with business objectives.
- Leveraged MS Visio to design process flow diagrams, improving stakeholder understanding of healthcare workflows and contributing to more efficient project execution and operational improvements.
- Implemented Agile methodologies for healthcare application development, aligning project deliverables with Medicaid compliance, while leveraging AWS for cloud-based data solutions, increase in revenue by addressing patient and provider needs more effectively.
- Designed optimized SQL queries using window functions and CTEs to streamline reporting processes, improving query performance by 40%.
- Built a data pipeline using dbt for modeling and Airflow for orchestration, automating ETL processes in Snowflake and BigQuery environments to handle large-scale healthcare datasets efficiently.
- Utilized Databricks for collaborative data analysis and transformation, integrating with Delta Lake for reliable data versioning and governance in cloud-based workflows.

Infinite Infolab India Jun 2019 – Jan 2021

Data Analyst

- Partnered with cross-functional teams to design and deploy Predictive Models analyzing Claims Data and Patient Records, leveraging Regression Analysis to identify trends in Readmission Rates, ultimately improving Patient Outcomes by 15%.
- Built and maintained ETL pipelines using SQL and Python to extract, transform, and load Clinical Data from EHR (Electronic Health Records) and Pharmacy Data into a centralized data warehouse, improving data quality and processing efficiency by 30%.
- Conducted Time Series Analysis on Population Health Data to identify seasonal health trends, developing actionable insights for Cost Analysis and Utilization Rates, resulting in a 20% reduction in unnecessary hospital admissions.
- Analyzed Patient Satisfaction Scores and feedback from Patient Records, using statistical methods and Descriptive Statistics to identify key areas for improvement, leading to a 10% increase in patient satisfaction metrics.
- Developed Clustering models on genomic data, identifying key patient segments, which enabled targeted interventions and reduced Length of Stay (LOS) by 12%.
- Collaborated with data privacy and compliance teams to ensure HIPAA Compliance and adherence to Data Privacy regulations, including GDPR (where applicable), securing patient data and safeguarding sensitive healthcare information.
- Designed and executed SQL queries to clean, merge, and transform datasets from multiple healthcare systems, ensuring consistency across platforms and reducing data discrepancies, which enhanced decision-making efficiency by 40%.
- Developed interactive dashboards in Tableau to visualize CRM data, enabling stakeholders to track patient engagement trends, optimize clinical workflow, and enhance patient outreach strategies based on real-time insights.