

Gopi Chand Yenikapalli

DATA ANALYST

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SUMMARY

- Results-driven Data Analyst with 6+ years of hands-on experience in healthcare, finance, and supply chain domains, skilled in transforming raw data into actionable insights using SQL, Python, and R.
- Proficient in developing end-to-end ETL pipelines using Python (Pandas, NumPy), AWS Glue, and Google Cloud Platform, supporting scalable data ingestion, cleansing, and transformation for large datasets.
- Strong command of statistical analysis, A/B testing, regression modeling, and cohort analysis using Python libraries (Scikit-learn, SciPy, Statsmodels) to support data-driven strategy development.
- Adept at building predictive models for risk stratification, cost forecasting, and customer segmentation using machine learning techniques, aligned with business KPIs and operational goals.
- Skilled in designing and deploying data visualizations and executive dashboards using Power BI, Tableau, Looker, and Excel to monitor key performance indicators and inform decision-making.
- Experienced in working with cloud-based data warehouses including Snowflake, Redshift, and BigQuery, supporting real-time analytics and seamless integration with enterprise data platforms.
- Proven ability to collaborate with cross-functional teams including clinicians, financial analysts, product managers, and IT stakeholders, ensuring analytical outputs meet business and compliance requirements.
- Knowledgeable in regulatory standards including HIPAA, SOX, and GDPR, and proficient in implementing data governance practices, metadata management, and audit readiness protocols.

SKILLS

Methodologies:	SDLC, Agile, Waterfall
Data Analysis:	Exploratory Data Analysis (EDA), Descriptive & Inferential Statistics, Hypothesis Testing, ANOVA, Regression Analysis, Statistical Analysis, Data Mining, Data Cleaning, ETL Processes, Quantitative Analysis, A/B Testing, Cohort Analysis, Funnel Analysis
Programming Language:	Python, SQL, R, VBA
Packages:	NumPy, Pandas, Matplotlib, SciPy, Scikit-learn, TensorFlow, Seaborn, dplyr, ggplot2
Data Visualization:	Tableau, Power BI, Looker, Excel Dashboards, Advanced Excel (VLOOKUP, Pivot Tables, Macros, Power Query), SRSS
IDEs:	Visual Studio Code, PyCharm, Jupyter Notebook, IntelliJ
Database:	SQL Server, MySQL, PostgreSQL, Oracle, Snowflake, MongoDB
Cloud Platform:	AWS (S3, Glue, Redshift, Lambda, Athena), Google Cloud Platform
Other Technical Skills:	SSIS, SAS, Alteryx, Machine Learning Algorithms, ETL\ELT Tools, Apache Airflow, dbt, Data Wrangling, Data Cleaning, Data Transformation, Data Warehousing, Data Lakes, Data Storytelling, Executive Presentations, Technical Documentation, Cross-functional Collaboration, KPI Development, Metric Definition, Business Requirements Analysis, Executive Reporting, Requirements Gathering, Data Storytelling, HIPAA, SOX, GDPR (basic understanding), Data Governance, Data Privacy, Healthcare Analytics, Financial Reporting, Insurance Analytics, Sales & Marketing Analytics, JIRA, Confluence, Trello, Git, Github,
Soft Skills:	Time Management, Leadership, Strategy Planning, Problem-Solving, Negotiation, Decision-Making, Documentation and Presentation, Analytical Thinking, Attention to Detail, verbal and written communication

EXPERIENCE

Data Analyst | GE Healthcare, FL

Sept 2023 – Present

- Created Python-based ETL pipelines (Pandas, NumPy) to process structured and unstructured data from Epic EHR and payer systems, reducing data preparation time by 30% and ensuring consistent delivery of clinical insights to care teams.
- Integrated Epic EHR feeds with AWS Glue, AWS Lambda, and Amazon Redshift to generate near real-time risk alerts, improving data flow efficiency and reducing latency in clinical decision-making by 25%.
- Analyzed 20+ million records from claims, eligibility, and provider datasets using SQL in Snowflake, identifying high-cost member cohorts and supporting interventions that reduced avoidable emergency visits.

- Conducted root cause analysis on reimbursement discrepancies by comparing provider contracts to processed claims, leading to the recovery of \$2.5 million in overpayments and improved financial integrity.
- Defined and monitored 25+ healthcare KPIs including chronic condition management, readmission rates, and preventive care utilization, supporting quality initiatives that increased screening rates and care plan adherence.
- Performed cohort trend analysis on utilization and prescription patterns using Python, identifying gaps in care and enabling targeted outreach that improved medication adherence by 18%.
- Collaborated on predictive modeling using logistic regression and decision trees to flag high-risk members (top 10% in projected spend), enabling early clinical interventions and optimizing care resource allocation.
- Supported provider contract analysis and cost forecasting by benchmarking provider performance against payer trends, identifying \$1.2 million in potential annual savings.
- Developed Power BI dashboards to visualize inpatient readmissions, care gaps, and medication adherence across eight regions, helping care teams manage over 500,000 at-risk members.
- Ensured HIPAA and PHI compliance by maintaining secure data access protocols, validating audit trails, and coordinating regularly with compliance and legal teams to uphold regulatory standards.

Data Analyst | Deloitte, India

Nov 2019 – July 2022

- Performed targeted data mining and financial data extraction from enterprise platforms and lakes (Amazon S3, Snowflake, Amazon Redshift, AWS Glue), enabling data availability for downstream analytics and real-time reporting.
- Ensured data accuracy and integrity by implementing robust validation rules, anomaly detection routines, and profiling techniques using SQL (PostgreSQL, Redshift SQL) and Python, reduced 30% compliance and audit-related risks.
- Actively contributed to data governance initiatives by defining data quality metrics, enforcing standards, and maintaining metadata through AWS Glue Data Catalog, improving data discoverability and trust across the organization.
- Conducted comprehensive EDA using Python (Pandas, NumPy, Plotly, Seaborn) to uncover customer financial behavior trends, performance anomalies, and market opportunities that informed strategic planning.
- Collaborated with cross-functional teams, including Finance, Risk, Marketing, and IT, to contextualize findings and align analytical outcomes with strategic business objectives and KPIs.
- Designed and deployed interactive Power BI dashboards focused on profitability, cost analysis, risk scoring, and customer segmentation, providing real-time decision support for 30+ business stakeholders and department heads.
- Generated and distributed both scheduled and ad hoc financial reports (e.g., revenue forecasts, budget variances, margin analyses) tailored to executive and operational requirements, enhancing visibility and financial transparency.
- Leveraged Excel (Pivot Tables, Macros) to support transitional reporting needs and enhance agility in quick-turnaround financial reviews and one-off executive requests.
- Applied statistical analysis and A/B testing techniques using Python (SciPy, Statsmodels) to evaluate marketing performance and pricing strategies, leading to a 10% increase in campaign ROI.
- Reinforced data compliance and security by aligning with internal control frameworks and regulatory standards (SOX, GDPR), ensuring enterprise-grade financial reporting and risk mitigation.

Data Analyst Associate | Softage Group, India

Jun 2018 – Oct 2019

- Cleaned and prepared supply chain datasets using Python (Pandas, NumPy) to resolve inconsistencies, standardize formats, and generate analysis-ready data hosted on Google Cloud Storage (GCS), enabling scalable and centralized data processing.
- Wrote complex SQL queries (PostgreSQL, MySQL) within BigQuery to extract and analyze inventory movement, regional demand trends, and pricing fluctuations, supporting procurement planning and dynamic pricing strategies.
- Conducted exploratory analysis on supply and demand trends, identifying seasonal effects, supplier performance issues, and regional demand variability, contributing to a 15% improvement in forecast accuracy.
- Developed a real-time pricing and inventory optimization system that increased inventory turnover by 15% through data-driven recommendations responsive to market conditions and stock availability.
- Created automated dashboards and reports using Power BI and Excel (Pivot Tables, Power Query) to track KPIs inventory turnover, stock availability, lead times, and pricing competitiveness, enhancing visibility into supply chain performance.
- Collaborated with stakeholders across operations, procurement, and product management to ensure alignment between analytical outputs and business objectives, facilitating data-informed supply chain strategies.

EDUCATION

Master of Science in Business Analytics and Information Systems - University of South Florida, Tampa, USA.

Bachelor of Technology in Electrical Engineering - National Institute of Technology, Raipur, India.