

KISLAY KISLAY

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SUMMARY

Experienced Senior Data Analyst proficient in Python, SQL, and R. Skilled in data analysis, modeling, and predictive analytics with a focus on achieving data cleanliness through robust preprocessing techniques.

EDUCATION

Master of Science in Data Science, Stevens Institute of Technology, NJ, USA **GPA[3.833]** May 2024

SKILLS

Technical Skills Python, Splunk, R, SQL, Tableau, PowerBI, MySQL, Jira, , Oracle, Microsoft Excel, Jupyter, GitHub, AWS, GCP, PySpark, NumPy, Pandas, Matplotlib, Seaborn, SciPy, Scikit-learn.
Other Skills Machine Learning Algorithms, CI/CD, Data Mining, Data Visualization, Data Warehousing, ETL Processes, Data Integration, Data transformation, A/B Testing.

EXPERIENCE

ACCENTURE

Bengaluru, KA

Senior Data Analyst

Sep 2021 - Jul 2022

- Led a cross-functional Agile team to streamline project delivery processes, enhancing efficiency by 25% through effective sprint planning and retrospective sessions.
- Optimized retail and corporate operations analytics, achieving a 20% reduction in lead times and a 15% increase in delivery punctuality through advanced data analysis and inventory management strategies.
- Performing data profiling and quality assessments using SQL and Python scripts to identify data issues, such as missing values, duplicates, and inconsistencies, and implemented data cleansing and remediation strategies.

Application Development Analyst

Jan 2019 - Aug 2021

- Successfully integrated external data sources and utilized association rules and clustering techniques to enrich customer profiles and identify key factors influencing business outcomes.
- Enhanced data extraction and reporting efficiency by developing optimized SQL queries, achieving a 20% improvement in processing speed and enhancing data accuracy for decision-making.
- Conducting data privacy impact assessments (DPIAs) and implemented data masking, anonymization, and encryption techniques to protect sensitive customer and financial data.

Application Development Associate

Sep 2017 - Dec 2019

- Utilized Electronic Health Record (EHR) data for comprehensive patient profiling and analysis, identifying high-risk patients for targeted interventions and preventive care measures.
- Conducted EDA to explore the distribution of healthcare variables, identify outliers, and detect patterns in patient data, facilitating further analysis .

PROJECTS

Product Sentiment Analysis of iPhone. Analyzed consumer sentiment on the iPhone using NLP techniques, providing key market insights to inform strategic marketing decisions. ([Link](#))

Data Analysis Using Statistical Methods. Led a detailed statistical analysis of over 15,000 COVID-19 case healthcare data points to identify demographic risks and support public health initiatives. ([Link](#))

Skin Cancer Detection. Developed a highly accurate deep learning model for skin cancer detection, employing CNNs and advanced data augmentation to achieve a 97.91% accuracy rate. ([Link](#))

Grocery Store Optimization. Utilized machine learning to enhance customer experience and operational efficiency in grocery store management, achieving significant improvements in customer retention and satisfaction.

Time Series Forecasting with ARIMA/SARIMA Models. Applied ARIMA and SARIMA models for accurate forecasting of electric production and food prices, optimizing model performance through rigorous statistical analysis.