

Kishan Gangarama

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WORK EXPERIENCE

IBM Corporation

NJ, USA

Data Analyst

May 2023 - Present

- Built and optimized ETL pipelines for large datasets, improving data processing efficiency by 35%.
- Developed predictive models using Python, increasing sales forecasting accuracy by 20% and driving a 15% increase in revenue.
- Automated data extraction processes, reducing manual reporting time by 40% and enabling real-time insights via Tableau dashboards.
- Reduced AWS costs by 18% through efficient resource monitoring and optimization of cloud-based data storage

Wipro

Bangalore, India

Data Analyst

Sep 2021 - Nov 2021

- Designed and implemented financial data models, improving forecasting accuracy by 25% and accelerating decision-making by 30%.
- Integrated disparate data sources into a unified platform, reducing data retrieval time by 40% and enhancing overall data integrity.
- Reduced customer churn by 12% through predictive modeling and targeted retention strategies using machine learning algorithms.
- Optimized SQL queries for data extraction, reducing query processing time by 35% and enabling faster reporting.

Digital Shark

Bangalore, India

Data Analyst

Dec 2020 - Feb 2021

- Analyzed marketing campaign performance, increasing ROI by 20% through data-driven adjustments to strategy.
- Developed and automated Python scripts for data cleaning, saving 15 hours per week in manual processing.
- Created real-time Power BI dashboards for stakeholders, increasing data accessibility and reporting efficiency by 50%
- Conducted time-series analysis to forecast inventory needs, reducing stockouts by 18% and improving supply chain efficiency.

EDUCATION

Stevens Institute of Technology

Masters of Science in Data Science

Graduation Date: May 2024

JSS Academy of Technical Education

Bachelor of Engineering in Electronics and Communication

Graduation Date: Aug 2022

PROJECT EXPERIENCE

Revenue Insights in Hospitality Domain Project

Project

- Developed and implemented critical KPIs using Power BI to analyze revenue and occupancy trends, enhancing decision-making in the competitive luxury hotel market.
- Created a comprehensive dashboard in Power BI, showcasing actionable insights and performance metrics, supplemented by in-depth analysis to uncover growth opportunities and strategic improvements.

Uber Data Analytics: End-to-End Data Engineering Project

Project

- Built a Python-based data model and deployed code on GCP using Mage for data loading into BigQuery, integrating APIs and ETL processes for large-scale data management.

- Developed business intelligence dashboards in LookerStudio and Tableau, adhering to best practices for storytelling and data-driven insights, while utilizing GCP services.

Supermarket Sales Prediction: Statistical Analysis and Predictive Modeling Project

Project

- Utilizing feature selection, data exploration, visualization, and machine learning to forecast supermarket sales accurately.
- Conducted statistical tests and correlation analysis to identify sales variations across customer groups and product lines, offering actionable insights to drive sales growth and optimization strategies.

Reb Bull Virtual Internship Project

Project

- Utilized advanced Excel techniques to preprocess and analyze data from on-premise accounts, focusing on marketing strategies, promotional effectiveness, and product line performance.
- Produced a concise PowerPoint presentation, offering targeted strategies for sales enhancement and account growth based on comprehensive data analysis and CAGR calculations.

SKILLS & INTERESTS

Languages & Databases	Python, R, MySQL, PostgreSQL, TSQL, SQL Server, Azure Synapse, Google BigQuery, Snowflake, Oracle, MS Access, EPIC (Chronicles, Clarity, Caboodle)
Packages	Pandas, NumPy, Matplotlib, SeaBorn, TensorFlow, Scikit-Learn.
Data Engineering Tools	Alteryx, Azure Data Factory, Azure Databricks, Dataiku, Google Cloud Data Flow
Data Visualization Tools	PowerBI, Tableau, Adobe Analytics, Spotfire, Google Analytics, Qlik Sense, SAP Analytics, Looker
Big Data Technologies	Spark, Hive, Hadoop, Pig, MapReduce, Apache Kafka, Apache Airflow, Impala, Flume, Sqoop
Data Analytics Skills	Data Cleaning, Data Visualization, Data Analysis, Data Extraction.
ML Techniques	Clustering, KNN, Predictive Modeling, Deep Learning, Regression, Logistic Regression.
Project Management	SDLC, Agile, Waterfall, Scrum, MS Project, JIRA, Smartsheet, Kanbanize, Trello, Monday.com
Operating System	Windows, macOS, and Linux
Others	SSIS, SSAS, SSRS, DAX, M, ServiceNow, SharePoint & Project Management Board Analytics.