Hemanthkumar Gottigehalli Nanjappa

United States | hemanthkumargn99@gmail.com |+1 (551) 229-8815 | https://github.com/Hemanthkumargn |
https://www.linkedin.com/in/hemanthkumargn/

EDUCATION

Master of Science, Information Technology & Analytics   Sep 2023 – Dec 2024
Rutgers State University of New Jersey, USA
Coursework: Business Data Management, Data Analysis and Visualization, Analytics to Business Intelligence, Business Analytics Programming, Project Management, Multivariate Analysis

Bachelor of Engineering, Electronics Communication & Engineering   Aug 2013 – Jul 2017
Visvesvaraya Technological University, India

PROFESSIONAL EXPERIENCE

Joules to Watts Business Solution Pvt Ltd (Client: Hewlett Packard) – Bangalore, India

Business Integration Analyst   Oct 2021 - Aug 2023
- Extracted and analyzed customer feedback data using SQL Server and Python, reducing processing time by 30% and improving data accuracy.
- Developed Key Performance Indicators (KPIs) and visualizations, then launched an advanced analytics dashboard on Tableau Server for real-time hardware performance monitoring.
- Provided actionable insights to Data Science teams, increasing customer satisfaction through optimized service recommendations.
- Optimized SQL queries, reducing query execution time by 40%, significantly enhancing system performance.
- Led a team of three in data analytics and insights.

Lipika Technologies – Bangalore, India

Data Analyst   Sep 2020 – Sep 2021
- Developed complex SQL queries in Snowflake to analyze the effectiveness of product marketing campaigns.
- Performed time series analysis to identify trends around the campaign period and created KPIs that showed a 2.3% increase in sales, boosting customer retention and revenue.
- Created interactive Tableau dashboards for monitoring sales trends monthly, quarterly, and annually for executive review.
- Utilized SQL to determine the customer churn rate, which decreased from 23% to 19% after collaborating with data science teams.
- Forecasted and planned seasonal product promotions to optimize the supply-to-demand ratio, utilizing NumPy for statistical analysis in Jupyter.

Accenture – Bangalore, India

Application Development Associate   Jan 2018 - Aug 2020
- Managed stakeholder communication and developed key project documentation, reducing project misalignment issues by 30%.
- Led the end-to-end delivery of 6+ projects by collaborating with cross-functional and technical SAP teams within SAP ECC.
- Performed extensive testing at multiple stages, including functional and integration testing, and addressed issues identified during User Acceptance Testing (UAT) and performance evaluations, which enhanced system efficiency by 80%

SKILLS

Technical Tools & Platforms:
- **Programming & Databases:** SQL, Python, R, Microsoft SQL Server (SSMS), MySQL, Postgres, NoSQL, Snowflake, DAX, MS Azure Synapse, Azure Synapse SQL Pool, Spark Pools, Data Lake Storage.
- **Data Visualization & BI Tools:** Tableau, Power BI, Advanced Excel, R Studio, Jupyter Notebook, Spyder, Google Sheets.
- **ETL & Data Processing:** Data Warehousing, Data Mapping, Data Cleaning & Transformation, REST APIs, Big Data Processing, Schema Design, Flat Files (CSV, JSON, XML Handling).
- **Tools & Methodologies:** Agile, Alteryx, Jira, Confluence.

Functional Competencies:
- Data Analysis, Business Intelligence, Data Processing, Data Engineering, Data Mining, Predictive Analytics, Regression, A/B Testing, Data Quality Validation, Impact Analysis, Data Quality Management, Hypothesis Testing, Data Modeling, Report Development, KPI Definition, Performance Measurement.
- KPI Development & Performance Tracking, Dashboard Development, Data Wrangling, Report Automation, Data-Driven Storytelling, Root Cause Analysis, Market Research, Data Interpretation, Advanced SQL Query Optimization, ETL Pipeline Optimization, Automation, Ad-hoc Reporting, Process Optimization, Sales Analytics.
- Decision-making, Problem-Solving, Forecasting, Cross-Functional Collaboration & Communication, Stakeholder Communication, Multi-Tasking, Critical Thinking, Report Writing, Troubleshooting & Issue Resolution, Service Desk Troubleshooting, Mentorship & Guidance, Statistical Modeling, Fast-Paced Environment Adaptability.

ACADEMIC PROJECTS

Lung Cancer Prediction using Regression (*R scripts*)   Jan 2024 – Mar 2024
- Applied Exploratory Factorial Analysis (EFA) to identify the key contributing factors to Lung cancer.
- Implemented a logistic regression model to predict whether a patient is prone to cancer with 90% accuracy.

NYPD Analysis (*Python, Tableau*)   Oct 2024 - Dec 2024
- Leveraging Python, conducted data cleaning and EDA to ensure data accuracy and derive valuable insights.
- Analyzed NYC crime data (2006-2019) to gain insights into crime trends, patterns, and factors influencing criminal activities.