Vivek Sharma
Bangalore, Karnataka, 560087

Email: sharma.vivek0671@gmail.com
Phone: 7008003538

Profile Summary:

Leveraging 5 years of IT experience and having working knowledge of MS SQL Server, Alteryx, Tableau, Power BI, Python (For Data Analysis), Azure Synapse Data flow, Data Pre-processing, Data modelling, Data mining, Machine Learning to solve business problems and experience in provide support, designing and implementing solutions. Developed the capability and knowledge of Analytical tools and processes to support business operation improvements and deliver AI solutions.

Highlights:

➢ To understand the business use cases from clients and convert them into a well-defined problem statement and explain it to the development team.
➢ To identify data sets required to develop predictive models for solving internal and external business problems.
➢ To fill data gap by gathering data, designing annotation portal and conducting data annotation by human annotators.
➢ To explore data sets and identify data transformation and data quality needs for targeted applications.
➢ To develop algorithms and predictive models to derive insights and business value from data.
➢ To provide leadership and mentorship to other members of the team.
➢ Identify and implement use cases which might help the organization business development.
➢ To interpret results and produce actionable business insights that lead to measurable business and consumer experience performance improvements.
➢ To Operationalize, publish, and monitor successful models to shape business and data science strategy.
➢ To partner with other departments to solve problems and identify trends and opportunities to define and develop the program for metrics creation, data collection, modelling, and reporting the operational performance.
➢ To work cross-functionally to define problem statements, collect data, build analytical models and make recommendations.
➢ To routinely communicate metrics, progresses and other key indicators to leadership.
➢ To lead and support various ad hoc projects, as needed, in support of Organization's Business strategy.

Key Skills:

➢ Requirement Gathering
➢ Analyze and manipulate Data
➢ Data Visualization
➢ Build Data Sets
➢ Data Science
➢ Documentation
➢ Data Collection
➢ Statistics

Technical Skills:

➢ Programming Languages: T-SQL, Python
➢ Database: MS SQL Server (2008, 2012, 2014, 2018, 2019) Synapse DB,
➢ Cloud: Azure
➢ Tools/ IDE: Visual Studio 2019, MS SQL Server Management Studio 2018, Anaconda, Jupyter Notebook, Spyder
➢ Reporting Tools: Tableau Desktop, Power BI Desktop, MS Excel
➢ ETL/ Analytics Tools: Alteryx (Alteryx Designer, Alteryx Server and Gallery, Alteryx Connect, Alteryx Macros and Custom tools), Python, Azure Synapse Dataflow
➢ ITIL Tools: Service Now, JIRA

Work Experience:

Senior Business Intelligence Analyst at Johnson Controls International, Bangalore (Sep 2023-Till now)

- Serving as a Data Subject Matter Expert, providing strategic guidance to the business on effective data solutions and best practices.
- Analyzing diverse customer needs across various business domains to deliver valuable insights and drive informed decision-making.
- Understanding the requirements for the dashboard and gather all required tables and source details.
- Worked on forecasting of financial data and visualized it using tableau and also worked on HR attrition dashboard.
- Migrated all tableau dashboards to Power BI.
- Creating scalable Power BI dashboards and scorecards entails transforming data with precision and building a sophisticated data model, ensuring the effective presentation of organizational metrics and KPIs for informed decision-making.
- Conducting ad-hoc exploratory analysis to uncover actionable insights and support data-driven decision-making.
- Implementation of Row Level Security on data and understand application
- Performing statistical analysis, building predictive models, and formulating decision models for continuous improvement.
- Ensuring strict adherence to data standards and proactively identifying abnormalities to maintain data quality.
- Demonstrating proficiency in Data Mining, Clustering, Statistical Modeling, and a preference for utilizing Azure Machine Learning (AML).
- Developed financial forecasting models using Azure, providing accurate and actionable financial insights to support strategic planning and decision-making.
- Utilized GPT development to build detailed models for determining the requirements for sprinklers, fire alarms, HVAC security, and other installations based on building input details.
- Designing and developing advanced analytics tools, addressing both internal team requirements and customer needs.
- Ensuring high quality and enhancing customer experience in all delivered analytics solutions.
- Tools & Technologies used: MS SQL Server (T-SQL), ITIL Tools (Jira) Azure, Python, Power BI, Advanced MS Excel, Salesforce.

Business Intelligence Analyst Conduent Business Services India LLP, Bangalore (Jul 2021-Aug 2023)

- Enabled secure EMEA client data access for analytical warehouses, involved in project concept design and requirement gathering.
- Developed Python and Alteryx ETL scripts, performed data validation, and created test cases.
- Contributed to Data Engineering, including Azure runbooks, Synapse Data flow, and SQL Stored procedures for ETL processes.
- Implemented Alteryx workflows, reducing manual effort by 40% and processing time by 30%, enhancing data accuracy.
- Collaborated on cross-functional teams to identify business requirements, design Alteryx workflows, and improve data analysis and reporting capabilities.
- Deployed Power BI and Tableau dashboards for various projects, implementing DAX functions for efficient data visualization and also migrated tableau dashboards to power BI dashboards.
- Deployed Tableau dashboards for various projects, implementing custom sql queries for efficient data visualization.
- Led multiple transformation initiatives in Finance and HR domains, establishing data strategy within enterprise applications.
- Provided support for enterprise applications, resolved SQL, Azure, Alteryx, Tableau and Power BI-related issues within SLA's.
- Addressed high-priority production issues, conducted root cause analysis, and optimized performance through bottleneck analysis.
- Tools & Technologies used: MS SQL Server (T-SQL), ITIL Tools (Jira, Service Now), Tableau, Alteryx, Azure, Python, Power BI, MS Excel.

ETL Engineer in Tech Mahindra LTD (Jan 2020-Feb 2021)

- ➢ Conduct statistical analysis and draw insightful decisions to present both technical and non-technical stakeholders.
- ➢ Develop new and modify existing SQL code based on the requirements to generate data reports.
- ➢ Implement ETL process in Alteryx to extract data from multiple resources (SQL Server, excel, csv, smart sheet, XML) and schedule the workflows.
- ➢ Manage end to end complex data migration, conversion and data modeling using Alteryx, MS SQL Server.
- ➢ Support in gathering requirements from business partners and develop Business Requirement Document (BRD). Monitoring end to end data flow to ensure database table is updated with latest data and ensuring latest data should reflect on tableau or power BI dashboard and engaged in building power BI dashboard.
- ➢ Fixing data issues, debug codes.
- ➢ Extracting data from ServiceNow to make report.
- ➢ Tools & Technologies used: MS SQL Server, ITIL Tools (Jira, Service Now), Tableau, Alteryx

Educational Qualification:

- ➢ B. Tech in Computer Science and Engineering from Raajdhani Engineering College, Bhubaneswar

2015-19
University: Biju Patnaik University of Technology

- ➢ Intermediate in Science from Prananath Junior College, Khordha.

2012-14
Board: Council of Higher Secondary Education

- ➢ Matriculation from Government High School Rajsunakhala, Nayagarh.

Till 2012
Board: Board of Secondary Education

- ➢ Master in Professional Data Science and AI using python.

2023-2024
UTM University, Malaysia