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HARISH S

SENIOR ENGINEER - Data Visualization and
Analytics



SUMMARY

Certified Data Science Professional; 5 years experienced, meticulous & detail-oriented Data Analytics Expert. Proficient in data mining & data visualization to deliver compelling business value to clients & successfully executed projects by deploying Machine Learning methodologies.

KEY SKILLS

• Data Visualization Design • Data Science • Machine Learning and Deep Learning Methodologies • Data Mining • Data Wrangling • Data & Quantitative Analysis • Business Intelligence • Visualization Tools • Robotic Process Automation • Data-Driven Personalization • Presentation skills • Agile Methodology

TECHNICAL SKILLS

- **Programming / Query Languages:** Python, SQL, DAX, VBA
- **Tools:** Jupyter Notebook, Spyder, Power BI, Splunk, Power Automate, Power Apps, Microsoft Excel, Visual Studio, MySQL Workbench, SQL Server Management Studio, Azure Devops
- **Packages:** Scikit-Learn, Seaborn, Numpy, Scipy, Pandas, NLTK, BeautifulSoup, Matplotlib, TensorFlow, keras, Statsmodels
- **Machine Learning / Deep Learning :** Linear/Logistic Regression, SVM, PCA, Ensemble Trees, Random Forests, Clustering, Recommenders, Market Basket Analysis, Time- Series Analysis, Sentiment Analysis, Text Mining, Neural Networks

PROFESSIONAL EXPERIENCE

Senior Engineer

Mar '20 - Present

Client:- EY | Organization:- Happiest Minds

Bangalore, IN

Happiest Minds Technologies is a digital transformation, infrastructure, security, and product engineering services company.

Data Collection

- Acquiring data from multiple sources and query databases using SQL Server Management Studio.

Data Preprocessing and Visualization:

- Successfully processed structured, semi-structured and unstructured data sets to identify & assess key takeaways using feature engineering in Python/Power Query/DAX/ Splunk.
- Use of ML algorithms (regression & classification, web scrapping, sentiment analysis, time series analysis and forecasting) to enable strategic planning for clients.
- Use of Scrum Agile methodology for project management.
- Automated end-to-end ServiceNow incidents categorization/ analysis with 74% accuracy using Topic modelling.
- Created a Web Application for the Project Management team to have an end-to-end automated process in managing projects from clients using PowerApps and Power Automate.
- Migration of pre- existing Tableau dashboards to Power BI.
- Worked on HR and Finance data for dashboard creation, automation and integration using Power BI.
- Created automated workflows with Power Automate automating menial and time consuming tasks.

Rewards and Recognitions:

- **EY Appreciate :** Exceptional Client Service Award FY-21

Data Analyst

Jun '17 - Mar '20

Client:- HP Inc | Organization:- JoulestoWatts

Bangalore, IN

- Data visualization, dashboard creation, automation and integration using PowerBI & PowerBI Premium Workspace.
- Responsible for creation of dashboards for Supply Chain (Supplies), Product Failure Analysis, Service Centre Interventions, Open case trend, sNPS reporting and Lead Metrics for contact and service centers.
- Identified and analyzed the impact of marketing and product changes on customer behavior
- Successfully achieved a 5% loss reduction of monthly revenue by implementing loss minimization techniques
- Enabled contact and service centers to achieve month on month targets on their KPIs and lead metric.

Quality Analyst

Nov '15 - Jun '17

Practo Technologies

Bangalore, IN

First Health Care Online Service in INDIA,

Audit & Process Management

- Auditing operation teams and processes, reporting non-conformance's, identifying root causes and effectively implementing corrective actions
- Tracking performances of team members and highlighting areas of improvement, facilitating & imparting training and monitoring the improvements on a continuous basis
- Realizing process improvements, applying different quality control tools like Pareto Analysis, 5-why Analysis, Cause & Effect Diagram, to enhance productivity
- Responsible for projects such as CAPA, Mystery shopping and Visual Factory Management of the company

EDUCATION

Bachelor of Engineering in Electrical and Electronics

Jun '11 - Jul '15

MVJ College of Engineering , Visvesvaraya Technological University

Bangalore, IN

- Secured **62%**

CERTIFICATIONS

- Python for Data Science Professional | Edureka | License NO :- X289HDPQ | 2019