SUMMARY

**Data Analyst**

Harshitha Prasad

* Data Analyst with 3+ years of experience interpreting and analyzing large data sets for driving business solutions, building, and evaluating analytic models, and creating reports/dashboards/graphs/storytelling to provide actionable insight for decision making.
* Good understanding of Agile and Waterfall Software Development Life Cycle (SDLC) Methodologies.
* Working knowledge of various Python libraries such as NumPy, SciPy for mathematical calculations, Pandas for data preprocessing/wrangling, and Matplotlib for data visualization.
* Good knowledge of data analysis, data validation, data cleansing, data verification and identifying data mismatch.
* Knowledge of performing data analysis on various IDE’s like Jupyter Notebook and PyCharm.
* Proficient in MDX Expressions, DAX Expressions, Power BI, Power integrated and in creating dashboards in Power BI and Tableau visualization tools.
* Proficiency in writing a SQL queries for various RDBMS such as SQL Server, and MySQL.
* Good Knowledge with version control tools like Git.

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**Presenter, Third IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT), Bangalore, India | January– June 2018**

* “**A Novel Approach to Detect Acute Lymphoblastic Leukemia** “Paper was published at IEEE on 27th February 2020, ISBN: 978-1-5386-2440-1. Created an implementation that used Image Processing techniques to detect the presence of cancer cells at a very early stage and hence helped in treating cancer without the patient having to undergo painful treatments. Worked on MATLAB as an implementation language and many algorithms of Data Mining with the data being the Images to accomplish the project.

PUBLICATIONS AND PRESENTATIONS

**Cigna, OH | Jan 2021 – Current | Data Analyst**

* Implemented and followed Agile development methodology within the cross-functional team and acted as a liaison between the business user group and the technical team.
* Involved in various packages in R and Python-like ggplot2, Pandas, NumPy, SciPy and Matplotlib.
* Work with Development IDE like PyCharm and Jupyter Notebook.
* Designed rich data visualizations to model data into human-readable form Tableau.
* Created SQL scripts and analyzed the data in MS Access/Excel and Worked on SQL script mapping.
* Visualized and presented dashboards to stakeholders using Tableau & ggplot2 by utilizing various plotting techniques.
* Development of a reporting solution for data profiling, using Data Flux, MS SQL Server, and reporting tools.

**Itinfolab Technologies, India | Jan 2017 - July 2019 | Data Analyst**

* Used Waterfall life cycle Methodology for Iterative development and Rapid delivery of the product.
* Used Pandas, NumPy, SciPy and Matplotlib in Python for developing various machine learning algorithms.
* Installed and configured on-premises gateway in Power BI services.
* Used MS Office extensively (Word, Excel, PowerPoint) for analysis, presentation, and documentation throughout the project.
* Developed programming on analytical tools including Power BI, SQL, Teradata, or similar relational database tool and Unix to formulate mathematical or simulation models.
* Monitored, Triage, Track, and resolve issues with the Excel Power BI reports.
* Developed the necessary Stored Procedures and created Complex Views using Joins for robust and fast retrieval of data in SQL Server.
* Hold a knowledge work with Git.

EXPERIENCE

**Methodologies:** SDLC, Agile, Waterfall

**Programming Language:** Python, R, SQL

**IDEs:** Jupyter Notebook, PyCharm

**Python Packages:** ggplot2, NumPy, Pandas, Matplotlib, SciPy

**Visualization Tools:** Tableau, Power BI

**Database:** MS SQL Server, MS Access, MySQL

**Other Tools:** Git, MS Office

**Operating System:** Windows, Linux

EDUCATION

SKILLS

**Masters in Computer Science**

Kent State University, Kent, Ohio

**Bachelors in Information Science**

New Horizon College of Engineering, Bengaluru, India

**+1 801-210-1482**

**harshitha.p@thesoftmail.com**

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