

ATHARVA PATHAK

(Data Analyst graduate with 1:1)

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Website: atharva-pathak.github.io

SUMMARY

- Creative and passionate contributor with the ability to execute in a team environment and on own initiative.
- Technical acumen in Python, SQL, Big Data, Agile, Business Intelligence vital for the delivery of IT service.
- Incorporate analytical, problem-solving and communications skills, provides the ability to influence people.
- Prominent knowledge for source-to-target data mapping analysis and analytics tools to support prototyping.
- Interpersonal skills to build relationships and an eagerness to learn and challenge the status quo.
- Good knowledge of Business Intelligence Solutions (ETL & Reporting) using SSIS, SSAS, SSRS, Sql Queries and using DDL, DML, DCL commands.

SKILLS

- **Databases SQL Server:** MySQL, Oracle Database, Microsoft Sql Server
- **Analytical, Statistical and Visualization tool:** Power BI, Tableau, Rapid Miner, SSRS, Excel Pivots
- **Microsoft Business Intelligent tools:** SSMS, SSIS and SSRS
- **Machine learning and Data Mining Tools:** Statistical Analysis, Regression, Clustering, Classification, Dimensionality Reduction, Time Series, Web Scraping, Machine learning Algorithms, Natural Language Processing, Deep Learning, Predictive Models
- **Ms Office application:** MS Excel (Formulas, Pivot tables and Charts, V-lookup), Ms. Word, Ms. Power Point, Visio
- **Operating System:** Linux, Windows, Unix
- **Languages:** R, Python, XML, HTML
- **Soft Skills:** Attention to Detail, Analytical Thinking, Problem-Solving, Organisational Skills, Communication Skills, Decision Making, Project Management Skills

EDUCATION

MSc Data Analytics, Dublin Business School

Sept 2018 to Sept 2019

- **Successfully studied following subjects** - Programming for Data Analytics using R, Data Storage Solution for Data Analytics, Statistics, Machine Learning, Data Mining, Data Visualization.

BE in Information Technology, Mumbai University

Aug 2014 to July 2018

- **Successfully studied following subjects** - Mathematics, Physics, Software Engineering, Distributed Systems, Data Structures & Algorithm Analysis, Advanced Data Management System, Web Programming, Computer Networks, Economics, Computer Organization & Architecture, Cloud Computing, Computer Networking, Information Systems.

Work History

KPMG (Virtual Internship)

Dublin, Ireland

Data Analyst

- Successfully managed and Designed Data warehouse using SSIS ETL, SSDT & SQL Microsoft Server and Analysed the data using SSAS (OLAP Cube).
- Designed, compiled and Deployed BI analytics Solution dashboard for Weekly, Monthly and quarterly Predicted reports and Provided analysis to impact on business growth using Tableau.
- Retrieved data from various source-systems to performed ETL to migrate the data into database, various source system including (Oracle database, SQL server, External files and Spreadsheets etc.)
- Provided one click ETL automate solutions SSIS package for data migration to remove manual repetition daily work
- Developed Data Visualization, BI Dashboards detailing trends and anomalies using Power point, Power BI and Tableau.

PROJECTS

Classification of Sound using CNN

- The main objective was to build an Environmental Sound classification model using a **Convolutional Neural Network** that would perfectly identify one of ten audio classes used in Audio files.
- **Keras** the library that is a deep learning framework build on **Tensor flow** was used to create and train the Convolutional Neural Network.
- The examination was ran utilizing 10-folds cross approval. Inside each fold, I had performed a correlation-based credit choice to abstain from overfitting the training data.

Where you want to fly today?

- Made an **interactive dashboard** by using an online flight dataset that had information on international and domestic airports and flights of the globe with the help of **Tableau and Power BI**.
- Created **Scatter Plots, Stacked Bars, Box and Whisker plots using reference, Bullet charts, Heat Maps, Filled Maps, and Symbol Maps** according to deliverable specifications.
- **Data visualisation** was done by using **Python's Alter, plotly, and seaborn** libraries as well as in **the R** language by using **ggplot2, dplyr**, and many other libraries.

Students Performance Data Warehouse

- Developed and Analysed Data warehouse Using SSIS ETL tool, SSDT, SQL server
- Provided Analysed reports using **SQL Server Reporting Service** of marks obtained by students based on parent's degree, Marks obtained based on student's Nutritional intake.
- Used Neo4j Graph database to show relationships using Cypher Query.
- Used Performance tuning to fetch rows faster from database.