**Neha Mathur**

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**EDUCATION**

**Pace University, Seidenberg School of Computer Science and Information Systems New York, NY**

Master of Science (MS) in Data Science | Concentration: Data Science Sep 2021-Present

**GPA: 3.80**

**University Institute of Technology Bhopal, Madhya Pradesh (India)**

Bachelor of Engineering | Concentration: Computer Science Graduated May 2014

**CGPA: 8.53/10**

**RELEVANT COURSEWORK**

Data Science Algorithms | Data Mining | Artificial Intelligence | Statistical Analysis | Python | Database Management Systems

**TECHNICAL SKILLS**

**Programming Languages:** Python, R, Cobol, C++, HTML, CSS

**Database:** SQL, Oracle SQL, Teradata, DB2

**Tools:** JIRA, Confluence, CA Gen, Tableau, Microsoft Visio, Microsoft Office (Excel, Powerpoint etc.)

**ACADEMIC PROJECTS**

Predictive Analysis

* Identified potential customers for Portugese Bank institutions with 91% accuracy.
* Utilized and analyzed performance of machine learning classifiers including XGBoost, Logistic Regression, Random Forest, Decision Tree, Naive bayes and KNN.

Exploratory Data Analysis

* Performed statistical exploratory data analysis (Outliers, trend analysis etc.) for identifying the progression of diabetes disease in patients on a large dataset.
* Utilized Python libraries (sklearn, pandas, numpy, seaborn, matplotlib etc) for data analysis and visualization.

Time-Series Forecasting

* Implemented time-series forecasting model in Python using FbProphet module to predict New York City’s Electricity Consumption.

**EXPERIENCE**

**Tata Consultancy Services Pvt Ltd**

Technical Lead **Turku, Finland** Nov2018- Jul 2021

* Led client communication and organized the project delivery from the client location, Finland.
* Collaborated and led a team of 4 at offshore in India handling multiple projects implementation.
* Analyzed and produced KPI reports to monitor the performance of application.

IT Analyst **Pune, Maharashtra (India)**

Oct 2014-Oct 2018

* Developed claim processing system (VAHA) with front-end graphical user interface (GUI) created through CA-Gen toolset, acting as the subject matter expert.
* Designed and created SQL queries to implement business requirements and achieve database efficiency.
* Automated claim filing process and improved customer satisfaction index by 8%.

**AWARDS AND RECOGINITIONS**

Star of the Month Awards, TCS 2016,2017,2019

Service and Commitment Award, TCS 2019