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**EDUCATIONAL QUALIFICATIONS**

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| --- | --- | --- | --- |
| **COURSE** | **INSTITUION/UNIVERSITY** | **YEAR** | **PERFORMANCE** |
| **Master of Operational Research** | Hindu College, University of Delhi | 2024 | **9(CGPA)** |
| **B.Sc. Mathematical Sciences** | Keshav Mahavidyalaya, University of Delhi | 2022 | **9.83(CGPA)** |
| **XII** | N.L.K.V.M. Inter College, Kanpur | 2018 |  |
| **X** | D.P.R. Inter College, Kanpur | 2016 |  |

# ACADEMIC ACHIEVEMENTS

* Awarded **Gold Medal** by **The** **University of Delhi** in the presence of **Smt. Droupadi Murmu**, Hon’ble President of India, for securing **Rank 1** in graduation in the entire University.
* Awarded **Medal** by **Shri Jagdeep Dhankar**, Hon’ble Vice President of India, for securing **Rank 1** in Hindu College.
* Awarded the title of **“GEM 2022”** by Keshav Mahavidyalaya for outstanding performance in graduation.
* Secured **AIR 9** in Delhi University Entrance Test for Master of operational Research.

# TECHNICAL SKILLS

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| **Python**(Intermediate) | Tableau |
| **SQL**(Intermediate) | MS excel |
| Machine Learning (Intermediate) | Catastrophe Modeling(Beginner) |

# PROJECTS

|  |  |  |
| --- | --- | --- |
| **Project** | **Description** |  |
| * **Bank Churn Classification Problem** Tool: Python | * **Objective:** The goal is to track the pattern of **churn at the bank** based on their historical data. * **Algorithms:** Logistic Regression, Decision Tree Classifier, Random Forest Classifier, KNN. * Performed **EDA** and **pre-processing** using various statistical plots and techniques to deal with missing values and get insights from the data. * **Results:** Achieved an accuracy of **83.82%** from **79.62%** using **The** **Elbow Method** in KNN, whereas Random Forest showed a maximum accuracy of **85.88%**, obtained **Precision** of **73%**. |
| **Medical Insurance Price Prediction Model** Tool: Python | * **Objective:** The objective is to predict the price of Medical Insurance based on the attributes of data like Age, BMI and Smoker(yes or no). * **Algorithms:** Linear Regression. * Plotted pair-plot and heatmap of correlation of columns for feature selection of explanatory variables and found there is a correlation of **79%** between smoker and charges. * **Results:** Obtained a goodness of fit (**R2** value) of **80%** for the regression Model. |  |
| **Credit Card complaint’s Dashboard.**  BI Tool: Tableau | * **Objective:** The aim of the **Tableau Dashboard** is to provide a comprehensive and interactive visual representation of credit card – related complaints. * **Key perform Indicators:** Total Complaints Timely response, In progress. * **Insights:** * North-East America has highest number of complaints and center has less. * Around **17%** issues of total complaints are occurred due to **Billing disputes**. * **51,873(59.70%)** complaints are resolved by the customer team with explanation * It assists the customer service team to **work on billing disputes, identity theft, and fraud issues in the North-East and South-West regions** of the USA to gain valuable insights and make informed decisions to enhance customer satisfaction. |

**POSITIONS OF RESPONSIBILITY**

|  |  |  |
| --- | --- | --- |
| **Position** | **Role** | **Year** |
| **Placement Coordinator,**  **The Placement Cell,**  **Keshav Mahavidyalaya** | * Reached out to the Human Resources and Talent Acquisitions of various companies for campus recruitment. * Organized Webinars on different topics for career counselling and spread awareness about opportunities through different social media platforms among students. | **June’20 - July’22** |
| **President,**  **The Mathematics Society, Keshav Mahavidyalaya** | * Lead a team of more than **30** members (lateral and impartial), worked on the planning and execution of various departmental projects. * Organized and managed several competitions and events at **Annual Mathematical Fest** with more than **2000** participations. * Scheduled different kind of enlightenment session for the betterment of students with some renowned personalities. | **Aug’21 - June’22** |
| **Treasurer,**  **The Mathematics Society, Keshav Mahavidyalaya** | * Responsible for the whole finance of the society, prepare and analyze the funds for departmental fest and events. | **Feb’21 - Aug’21** |

# CERTIFICATIONS

# Python for Data Science and Machine Learning Bootcamp – Udemy

# Tableau Training for Data Science – Udemy

# SQL for Data Science – Great Learning

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