

Shreya Chauhan

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PROFILE

Data Analysis professional completing master's degree in Information Systems, focusing on strong analytical skills to perform exploratory analysis on large data sets and visualizing dashboards in Tableau and Power BI.

EDUCATION

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| Pace University Seidenberg School of Computer Science and Information Systems Master of Science (M.S.) in Information Systems Concentration: Data Analysis GPA: 3.83 | New York, NY May 2022 |
| Indra Gandhi National Open University Master of Arts (M.A.) in Economics | Delhi, India July 2018 |
| Radha Govind Engineering College Bachelor of Technology (B.T.) in Electronics and Instrumentation | Meerut, India July 2012 |

COURSEWORK

Database Management Systems | Operating Systems | Computer Networks | Computer Graphic Design | Data Structure | Object Oriented Programming Skills | Distributed Computing | System Programming | Data Mining | Database Programming

TECHNICAL SKILLS

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| Databases: | Python, R & R studio, Hadoop, Tableau, Microsoft SQL, Oracle PL/SQL, XAMPP Server, Power BI |
| Web Development: | CSS/CSS3, HTML/HTML5, PHP |
| Software: | Adobe Photoshop, Adobe XD/illustrator, Visual Studio, Microsoft Excel, RapidMiner |

EXPERIENCE

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| New York Disaster Interfaith Services (NYDIS), Community Preparedness Intern | August 2021 – Present |
| <ul style="list-style-type: none">Gather data about homeless people's dog possession from US Department of Housing & Urban Development and analyze trends using MS Excel to assist in creating shelter options.Collect data from Howcalm and analyze data about temples and churches in New York City to identify location trends. | |
| NYC Department of Youth and Community Development, Data Analysis - Capacity Building Intern | June 2021 – Present |
| <ul style="list-style-type: none">Review data collection approaches and recommend improvements to help department understand employee training trends.Clean and process data using MS Excel and Python and develop approach for compiling data from multiple sources into comprehensive reporting system.Collected, prepared, and visualized data using Power BI to identify insights about meeting attendees and their geo-location. | |
| Shoptaki, New York, NY, Data Science Intern | March 2021 – May 2021 |
| <ul style="list-style-type: none">Received training on visualizing data via dashboards using Tableau & tracking customer engagement using Google Analytics. | |
| State Government Education Department, Uttar Pradesh, India, Teacher | July 2016 – January 2020 |
| <ul style="list-style-type: none">Educated students and collaborated with department heads to implement teaching materials to develop creative thinking skills. | |

ACADEMIC PROJECTS

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| Exploratory Data Analysis & Predictive Models | March 2021 – May 2021 |
| <ul style="list-style-type: none">Collaborated in team of four to perform exploratory data analysis and implemented machine learning models on banking dataset to determine customer churn rates, predict customer behavior, and visualize results in Tableau and RapidMiner.Trained & tested data to find best predictive model with Python, identifying Decision Tree as optimal with 93.7% accuracy rate. | |
| Data Analysis of Infant Mortality | October 2020 – November 2020 |
| <ul style="list-style-type: none">Collaborated in team of four to analyze the infant mortality rate in North American countries from Big Data files.Created multiple visualizations of variables using R Studio resulting in charts and graphs that made data easier to understand. | |
| Big Data File Analysis Using Hadoop and AWS Server | October 2020 – November 2020 |
| <ul style="list-style-type: none">Consulted with team of three to upload the Big Data file (52 MB) to Amazon Web Services (AWS) virtual server.Analyzed data using Hadoop to measure arrival and departure delays of flights, comparing, and ranking highest & lowest delays. | |