

EDUCATION

Qualification	Institution	CGPA/Percentage	Years
MSc. Business Statistics	Vellore Institute of Technology, Vellore	9.30	2022-2024
BSc.(H) Statistics	Mata Sundri College for Women , University of Delhi	8.61	2019-2022
XII CBSE	N.K Bagrodia Public School, Dwarka	91%	2019
X CBSE	D.A.V Public School, Dwarka	10.0	2017

EXPERIENCE

- **Data Analyst Intern at Oges Solutions Pvt. Ltd.** *Dec 2023-Present*
 - Leveraged Python for Machine Learning models like Random Forest and Gradient Boosting, revolutionizing cement quality prediction based on depth, enhancing predictive accuracy and operational efficiency for Cairn.
 - Contributed to development of backend for dashboards of various verticals of ONGC such as production, exploration, marketing, finance, etc. using Python, SQL, and SAS.
 - Pioneered the development of a management system that dealt with accommodation booking, employing a powerful stack including Python, SQL, FastAPI, etc. ensuring seamless operations for employees and staff of NESR.
- **Social Media Analyst at Your Campus Guide** *Jul 2021-Sep 2021*
 - Strategized and executed content planning for landing pages and social media, adhering to a predefined calendar to enhance marketing initiatives, resulting in a 20% increase in user engagement.
- **Data Science & Business Analytics Intern at The Sparks Foundation** *Jun 2021-Jul 2021*
 - Utilized Python and Tableau for data cleaning, preprocessing, EDA, and visualization that supported strategic decision-making in various domains for the company.
- **Campus Ambassador at Upside ME** *Sep 2020-Nov 2020*
 - Promoted the company on various social media platforms which led to a rise of 15% in the total engagement.

PROJECTS

- **Econometric Analysis of Fuel Consumption in India: An Inferential Approach** *Jun 2023*
 - Applied advanced statistical models, such as exploratory data analysis and regression, to analyze and optimize India's fuel consumption.
 - Converted insights into actionable strategies, fostering fuel efficiency and advancing sustainability in the energy sector.
- **Airlines Recommendation System using Customer Reviews** *Jun 2023*
 - Integrated sentiment analysis into a sophisticated airline recommendation system, leveraging over 14,000 passenger reviews for personalized flight suggestions, greatly enhancing customer experience.
- **Comparative Study of Media Coverage of Male & Female Professional Sports** *Jan 2023*
 - Conducted a study on sports viewership, revealing a 32% willingness to pay for men's sports versus 9.3% for women's sports, emphasizing income and viewership disparities.
 - Utilized SPSS and Python to unveil a significant 56.5% media consumption gap for males compared to 41% for females, emphasizing the crucial need for equal representation in sports media.
- **Credit Card Fraud Detection using Autoencoder Neural Networks & ML Algorithms** *Jan 2023*
 - Engineered a potent fraud detection algorithm, employing Autoencoder technology to optimize security measures and minimize financial losses.
 - Implemented real-time monitoring for swift identification and response to suspicious transactions, fortifying transaction integrity and protecting customer interests.

SKILLS

- **Tech Skills:-** Python, R, Tableau, MySQL, SPSS, SaTScan, Power Bi, SAS, MS Excel, MS Word, MS Power Point
- FastAPI, Data Analysis, Data Visualization, Research, Statistical Modeling, Predictive Analysis

CERTIFICATIONS

- **Optimization Techniques and Data Analytics : Multidisciplinary Industrial Approach**, VIT Vellore, *Oct 2022*
- **Artificial Intelligence Foundations: Machine Learning**, LinkedIn, *Jan 2023*

POSITION OF RESPONSIBILITY

- **Social Media Head** at TEDxMSCW'2022.
 - Led a 15-member team to enhance TEDxMSCW's digital presence, resulting in a 25% surge in ticket sales through strategic collaboration with the marketing team to align campaigns with event agendas.
- **Organized 3-Day Workshop on Tableau Software.**
 - Mentored individuals on Tableau for data visualization, spanning software download, diverse graph creation, and interactive dashboard development.

PUBLICATIONS

- Goel, M., Garg, H., Sharma, M. and Narain, S. (2022). **Cashless Economy: A Paradigm Shift**. JIMS8M. 26(4), 11-19.
- Goel, M., Suresh, H. and Garg, H. (2021). **Wearable Diagnostics**. Digital Health in India: Evolution of Health Informatics. MKSES Publications. 26-40.