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EDUCATIONAL QUALIFICATIONS

COURSE	INSTITUTION/UNIVERSITY	YEAR	PERFORMANCE
Master of Operational Research	Delhi University, New Delhi	2026	**SGPI Marks:** 7.00
B.Sc. (Honors) Mathematics Statistics Computer Science	Bundelkhand University, Jhansi	2023	**CGPA Marks:** 8.42
CBSE – XII (PCM)	Gurukulam Public School, Rahia	2020	**CGPA Marks:** 8.21

TECHNICAL SKILLS

Structure Query Language (SQL)	Power BI (Beginner)
Python, Numpy, Pandas, Matplotlib	Statistics

CERTIFICATIONS

- 100 **Days of Code**: The Complete Python Pro Bootcamp – **Udemy** **(** Oct 2024 – Dec 2024 **)**

PROJECTS

PROJECT'S NAME	PROJECT DESCRIPTION
Health Insurance Premium Predictor (May 2025 – June 2025) **Tools Used –** Python	• Primary objective of my project was to effectively apply **linear regression** for Medical Insurance Premium Prediction. • I aimed to detect whether my data **adhered to all assumptions of linear regression** and handle them appropriately if they were violated, resulting in development of a highly effective predictive model. • **R – squared score** for my model stands at an **impressive 64%**
Maximizing Revenue for Cab Drivers **Tools Used –** Python **Methodology** – Statistics, Hypothesis Testing , EDA	• Analyzed cabs NYC data, maximizing revenue, effectively appiled statistical tools, **descriptive statistics, hypothesis testing.** • one passenger_count include largest proportion, constitutes **40.08%** of all card, **20.04%** of all cash, transactions. Card payments **67.3%** are significantly higher than those paying with **cash 32.7%**. • T-test **(t–statistic = 165.5, p–value < significance level)** to confirm a **statistically significant**, and supporting targeted monetization. • **Reccomendation:** motivate customers to pay by credit card, offer incentive, passenger_count discount, trip_distance offer on card.
Customer & Sales Insights via Advanced Data Analysis **Tool Used -** SQL	• **Performed advanced analysis using SQL**, identifying trends in revenue, product categories, and regional performance. • Prepared product report, customer report through complex queries and aggregations. Built optimized **SQL pipelines** for data cleaning, transformation, and summarization. • **Insights:** Bike variants **account for 92%** of total product sales, indicating high demand and an over-reliance on a single category — which may pose a risk to product diversity and long-term **business sustainability**.

POSITIONS OF RESPONSIBILITY & ACADEMIC ACHIEVEMENTS

- The Sports Club, Senior Coordinator, Operational Research–Organize Events, Team Management & Coordination
- Class topper, Class of 2020-23, Department of Mathematical Sciences and Applications
- Majored in Mathematics, Statistics, and Computer Science; earned a badge of honour for academic performance.