

# DHIRAJ KUMAR

Delhi, India | 6207092467 | [dhirajmehta9567@gmail.com](mailto:dhirajmehta9567@gmail.com) |

Proficient in Data Visualization, Reporting, Dashboarding, Insight analysis with Operational Research background with hands on experience in SQL, Excel, Power BI, Alteryx, Tableau. Honing strong analytical skills, decision-making, problem solving abilities with learning mindset , physical fitness and proactive approach.

## TECHNICAL SKILLS

- |            |                  |                   |                      |
|------------|------------------|-------------------|----------------------|
| • Power BI | • Advanced Excel | • Tableau         | • Data Modelling     |
| • C        | • SQL            | • Java            | • Data Visualization |
| • C++      | • MySQL          | • Python          | • Data Cleaning      |
| • DBMS     | • SQL Server     | • MS Office Suite | • Data Storytelling  |

## WORK EXPERIENCE

### FRESHERS

### PROJECTS

#### Zomato Restaurant Analysis | Power BI |

- Analysed dataset of 9551 restaurants in 15+ countries, which shows average rating of 2.6/5 & average cost 1.2K.
- Crafted Power BI reports for global analysis & restaurant performance by using Power Query, Charts and DAX for calculations.

#### Airline Scheduling Optimization | PYTHON |

- Developed an optimization model to minimize flight delays and improve schedule efficiency using Python and CPLEX.
- Created a linear programming model that assigns flights to aircraft while considering fuel costs, demand, and time constraints.
- Implemented constraints for aircraft rotation, crew scheduling, and slot availability to ensure operational feasibility.
- Used real-world flight data to validate the model and achieved a 20% improvement in scheduling efficiency.

#### Air Cargo Analysis | SQL |

- Leveraged airline dataset to optimize travel operations, analyse busiest routes, ticket sales, & enhance the booking experience; resulting in 25% increase in revenue collection & 15% reduction in customer complaints.

#### E-commerce Sales Analysis | MS Excel |

- Created an insightful dashboard for 2015 sales by analysing the growth trends of 4 product categories by using pivot table.
- Incorporated clustered column charts, bar charts, control combo box & data analysis add-in to accomplished top 10 products.

## EDUCATION

### Department of Operational Research || M.SC

08/2024 – \*\*/2026

University of Delhi , Delhi [Pursuing]

### Bachelor of Computer Application || BCA

06/2021- 07/2024

Aisect University ,Jharkhand [8.37 CGPA]

### Intermediate || SCIENCE

05/2017 – 06/2019

Inter Science College , Hazaribagh [65%]

### Matriculation

2017

High School Sijhuwa , Ichak [81%]

## CERTIFICATES & Extracurricular Activities

- Data Science with Generative AI - **PW SKILL**
- Data Analytics Advanced Excel - **UDEMY**
- TCS ION Career Edge - **TCS**
- Sports (University Tournament)
- Volunteering ( Vishwarang Pustak Yatra)
- Competitions (Inspire Award -Manak)