

# RISHIT JAIN

Data Analytics Intern | SQL | Python | Power BI | Business Analytics

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## EDUCATION

Bachelor of Science (BS) – Data Science & Applications

Indian Institute of Technology Madras

CGPA: 7.5

Relevant Coursework:

Machine Learning, Business Analytics, Data Visualization, Data Management, Python Programming

Bachelor of Science (B.Sc. Hons) – Mathematics

Kirori Mal College, University of Delhi

CGPA: 7.09

Relevant Coursework:

Linear Algebra, Probability, Differential Equations, Calculus, Real Analysis, Numerical Analysis

Diploma – Entrepreneurship & Consumer Behavior

MTF Institute, Portugal

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## TECHNICAL SKILLS

Data Analytics:

SQL (MySQL), Data Modeling, Joins, Aggregations, Subqueries, KPI Design

Business Intelligence Tools:

Power BI, Tableau

Programming & Analysis:

Python, Pandas, NumPy, Matplotlib, Seaborn

Spreadsheets:

Microsoft Excel, Pivot Tables, XLOOKUP, VLOOKUP, INDEX-MATCH, SUMIF, COUNTIF, Data Cleaning

Statistics & Mathematics:

Descriptive Statistics, Probability, Distributions, Correlation vs Causation, Hypothesis Testing (Conceptual), A/B Testing, Regression Analysis, Linear Algebra, Optimization

Business & Domain Skills:

Customer Analytics, Behavioral Analytics, Sales Analysis, Retention Analysis, Decision Support

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## CERTIFICATIONS & CONTINUOUS LEARNING

- **Behavioral Finance — YouAccel**
- **Marketing Analytics & Pricing — Start-Tech Academy**
- **O'Reilly: Advancing into Analytics**
- **O'Reilly: Behavioral Analytics**

## PROJECTS

### Customer Churn Analytics for Management

⌚ GitHub: <https://github.com/Rrishitt/Customer-Churn-Analytics-for-Management>

- Analyzed customer churn data to identify behavioral and transactional drivers impacting retention.
  - Cleaned and transformed data using Python (Pandas, NumPy).
  - Applied statistical reasoning and regression interpretation to evaluate churn risk factors.
  - Generated actionable insights enabling management to prioritize retention strategies and reduce churn risk.
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### Cohort Analysis using Business Sales Data

⌚ GitHub: <https://github.com/Rrishitt/Cohort-Analysis-using-Business-Sales-Data>

- Performed cohort-based analysis to evaluate customer retention, repeat purchases, and lifetime value.
  - Designed cohorts based on acquisition timelines and purchase behavior.
  - Visualized trends and patterns to support data-driven decisions related to pricing and marketing strategy.
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### Airbnb Business Data Management & Analysis

⌚ GitHub: <https://github.com/Rrishitt/AirBnB-Business-Data-Management-Analysis>

- Conducted exploratory data analysis on Airbnb listings to understand pricing dynamics and demand patterns.
  - Analyzed relationships between location, availability, pricing, and customer engagement metrics.
  - Used correlation analysis and summary statistics to generate insights for revenue optimization.
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### CineMatch – User Behavior Analytics & Recommendation Platform

⌚ GitHub: <https://github.com/Rrishitt/CineMatch>

⌚ Live Product: <https://cine-match-rrishitjain06.vercel.app/>

- Built a recommendation-based platform analyzing user preferences and engagement behavior.
  - Designed similarity-based recommendation logic and behavioral scoring methods.
  - Scaled the platform to 15,000+ lifetime users, gaining real-world exposure to product analytics.
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### Hospital End-to-End Management System

⌚ GitHub: <https://github.com/Rrishitt/Hospitals-End-To-End-Management-System>

- Developed a full-stack hospital management system managing patients, doctors, pharmacy, and operations data.
- Designed structured data flows and dashboards for operational visibility.
- Awarded 'S' Grade (10/10) in Modern Application Development-1 project evaluation.