Raine Jacob

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EDUCATION

Indira Gandhi National Tribal University(IGNTU) — 2020-2023
Bachelor of Computer Application — *CPI: 8.80/10.0*

M.G.M High School — 2017-2020
Academic Education — *10th - 83.4% & 12th - 70.8%*

TECHNICAL SKILLS

- **Languages**: Python, SQL, R
- **Databases**: MySQL, PostgreSQL
- **Libraries**: Pandas, NumPy, Matplotlib, Seaborn
- **Visualization Tools**: Power BI, Tableau, Excel
- **Cloud & Deployment**: AWS (S3), GCP, Vercel
- **Version Control**: Git, GitHub

VOLUNTEER EXPERIENCE

Python Workshop Facilitator — Jan 2023 - Mar 2023
Indira Gandhi National Tribal University, Amarkantak — *Onsite*
- Led a Python workshop for girls, delivering over 50 interactive exercises and projects to improve coding skills.
- Provided individual support to over 30 participants, addressing challenges and enhancing Python proficiency.
- Integrated feedback from 40+ participants and mentors to continuously refine workshop content.
- Managed technical logistics, coordinated with event organizers, and set up 20+ systems for a seamless experience.

Interstate Chess Championship — Nov 2022
Indira Gandhi National Tribal University, Amarkantak — *Onsite*
- Collaborated with a team to manage logistics and coordination for a multi-college chess tournament.
- Ensured smooth event execution by overseeing schedules, equipment, and participant support.

PROJECTS

- **Hotel Booking Analysis**: (Exploratory analysis of hotel bookings) — [Project Link](#)
  - Performed comprehensive EDA to identify patterns in customer behavior, cancellations, and booking trends.
  - Used Python (Pandas, Matplotlib) to clean and visualize large datasets, delivering actionable insights.

- **Delivery Delay Analysis**: (Logistics data insights for delay reduction) — [Project Link](#)
  - Analyzed supply chain delivery data to pinpoint bottlenecks and optimize dispatch strategies.
  - Utilized SQL and Python for data extraction and visual storytelling in a business context.

- **Marketing Campaign Analysis**: (Performance and ROI evaluation) — [Project Link](#)
  - Assessed campaign effectiveness using segmentation, performance metrics, and customer behavior.
  - Created dynamic dashboards in Power BI for data-driven decision-making.

- **HR Analytics**: (Attrition and employee satisfaction analysis) — [Project Link](#)
  - Explored HR data to uncover trends in attrition and employee satisfaction.
  - Applied statistical methods and Python for analysis and actionable HR insights.

- **Olist E-commerce SQL Analysis**: (Business insights from real-world marketplace data) — [Project Link](#)
  - Executed 15+ SQL queries on Brazil's Olist dataset to uncover business insights on revenue, delivery delays, customer retention, and seller performance.
  - Developed a clean SQL script and PDF summary report for stakeholders, enhancing resume-ready storytelling.

CERTIFICATIONS

- **Google Data Analytics Professional Certificate**: (Coursera) — [Certificate Link](#)
  - Covered data cleaning, analysis, and visualization using **SQL**, **Excel**, and **R**.

- **Advanced Excel Certification**: (Udemy) — [Certificate Link](#)
  - Learned advanced Excel functions, PivotTables, Power Query, and many tools.