

Aryaman Raina (he/him)

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EDUCATION

University of Alberta

Sept 2020 - May 2024

Bachelor of Science, Computer Science Specialization with a Certificate in Innovation & Entrepreneurship

CERTIFICATIONS

- Google - Data Analytics Professional Certificate
- Linkedin Learning - Analyzing and Visualizing Data with Power Bi

RELEVANT SKILLS

- Technical Skills:** Python, R, SQL, Microsoft Office, Matlab, Tableau, Data Management & Analysis, Statistical Analysis, Report Writing
- Soft Skills:** Adaptability, Agility, Attention To Detail, Collaboration, Communication, Continuous Learning, Critical Thinking

WORK EXPERIENCE

Co-op Systems Data Analyst

Collins Aerospace, Montreal, QC

May 2023 - August 2023

- Collaborated with cross-functional teams to develop and optimize the Radar Altimeter (RALT) system, demonstrating strong teamwork and communication skills to ensure clear understanding and alignment on project goals.
- Performed in-depth analysis of RALT system data, creating reports on altitude accuracy and signal integrity, which informed critical decision-making for aerospace advancements and technical improvements.
- Demonstrated a continuous learning mindset by taking on diverse roles, such as optimizing SQL database management and generating comprehensive reports, ensuring accurate data analysis while supporting team goals and objectives.

AI Analyst

Outlier AI, Remote

August 2024 - Present

- Evaluate math-related questions and answers produced by AI, providing feedback to refine model relevance and clarity through analytical insights.
- Conduct systematic evaluations and rankings of AI model outputs, leveraging data-backed assessments to support model training.
- Identify patterns in AI performance and suggest targeted improvements, contributing to the continuous optimization of model accuracy and user alignment.

Data Analyst Intern

Whistling Solutions, Edmonton, AB

April 2022-Dec 2022

- Contributed to data-driven projects tailored to individual client needs by processing and analyzing large datasets to extract actionable insights that supported enhanced decision-making.
- Built automated data pipelines using Python and SQL, streamlining data processing workflows and minimizing manual effort.
- Developed interactive Tableau dashboards that enabled clients to explore trends and key performance metrics effectively, improving strategic decision-making.

PROJECT EXPERIENCE

Tableau Dashboard on Professional Survey Insights

- Created an interactive Tableau dashboard to visualize professional survey data, including average salary by job title, favorite programming languages, and demographic breakdowns.
- Highlighted key metrics such as work/life balance, salary satisfaction, and entry difficulty in the data industry, ensuring accurate and impactful visualizations.

IMDB Movie Rental System

- Collaborated with a team of three to develop a movie rental system that stores IMDB data, providing intricate search functionalities and smart recommendations based on user inputs. Utilized Python for backend development and SQLite for database management.
- Enabled detailed queries for movie titles, cast information, and genre-based filtering, offering a robust and user-friendly interface for movie enthusiasts.

Spotify Powered Music Recommender

- Developed 'Music-Wiz', a content-based music recommendation engine utilizing the Spotify API via the Spotipy library, in a team of two for a hackathon organized by HackED. Leveraged SQL for data management and integration.
- Analyzed song metadata and audio features, utilizing the cosine distance metric to generate personalized playlists for users.

VOLUNTEER EXPERIENCE

Warehouse Volunteer, Edmonton Food Bank

March 2024

- Assisted with warehouse duties, including sorting food donations, repackaging food, and building food hampers.