


Ashish

+1-669-243-1540 ✉ aashish@horizon.csueastbay.edu  <https://linkedin.com/in/ashish-ashish>

Summary

Emerging Data Science professional with hands-on experience in statistical analysis, data mining, and predictive modeling using Python and R. Demonstrated strong analytical skills through a Junior Data Analyst program, leveraging advanced techniques for actionable insights and data-driven decision-making. Solid academic grounding in Statistics underpins a practical understanding of real-world data manipulation and visualization, making him well-prepared for innovative, data science solutions in healthcare research.

Technical Skills

- **Technical Skills:** R, Rstudio, PostgreSQL, SQL, MongoDB, Python, C++, Java, JavaScript, HTML5, CSS, Data Querying Languages, Scripting Languages
- **Machine Learning:** Supervised Learning, Unsupervised Learning, Reinforcement Learning
- **NLP Technologies:** Language Models, Semantic Parsing, Natural Language Generation
- **Frameworks:** PyTorch, TensorFlow
- **Data Visualization:** IBM Cognos Analytics, Matplotlib, Seaborn
- **Data Science & Analysis:** Data Science, Quantitative Analysis, Statistical Inference, Causal Inference, Classification Methods, Predictive Modeling, Data Mining
- **Domain Expertise:** Epidemiology, Healthcare Datasets, Biostatistics, Computational Biology, Biomedical Informatics, Electrical Engineering

Work Experience

NPower Canada

Jan 2024 - Apr 2024

Junior Data Analyst Professional Program

Vancouver, BC

- Leveraged advanced Python libraries (Pandas, NumPy) and Excel for robust data manipulation and querying, demonstrating proficiency in scripting and data mining techniques.
- Executed a capstone project that involved comprehensive data collection, exploratory analysis, and predictive modeling using statistical and causal inference methods to support strategic business decisions.
- Developed interactive dashboards with IBM Cognos Analytics and Excel, and composed SQL queries in Jupyter Notebook to monitor key metrics and guide data-driven strategies.
- Managed cloud computing resources by applying Azure architecture best practices, optimizing spend and ensuring efficient data processing.

Nordia Inc.

Mar 2020 - Jun 2023

Technical Support Representative

Peterborough, ON

- Enhanced Layer 2 troubleshooting procedures to optimize SNR on Copper, ensuring seamless connectivity and improved service quality.
- Conducted comprehensive fiber attenuation loss assessments from central office to client locations, leading to improved network performance and reduced downtime.
- Refined troubleshooting methodologies for residential gateways by collaborating with technical teams to resolve complex issues efficiently.

Information Point Society

Jul 2016 - Jul 2017

IT Faculty

Punjab, India

- Equipped students with proficiency in programming languages such as Java, Python, and C++.
- Revamped course modules to integrate real-world applications, ensuring students gained a practical understanding of programming concepts and familiarity with industry-standard tools.
- Provided tailored mentorship, guiding students on utilizing tools like Git, SQL, and IDEs effectively.

Education & Certifications

Cal State University East Bay, Hayward | *Master's, Statistics (Data Science Concentration)*

Jun 2026

Fleming College, Peterborough | *Post-Grad Diploma, Wireless Information Networking*

Jun 2019

Punjab Technical University, India | *B.Tech., Electronics & Communication Engineering*

Jun 2016

Projects

Data Analysis Project: Hypothesis Testing

- Conducted a comprehensive data analysis project utilizing R and R Markdown, focusing on hypothesis testing to derive insights from data.
- Performed data exploration and statistical analysis to identify trends and patterns.
- Documented findings and methodologies in a well-structured R Markdown report.

IBM Data Analyst Capstone Projects | IBM

- Conducted a comprehensive analysis of programming language and database trends using data from the 2019 Stack Overflow Developer Survey.
- Utilized the yfinance library to extract stock data for Tesla and GameStop, effectively creating comprehensive financial datasets for analysis.
- Conducted data analysis on a comprehensive housing dataset from King County using pandas and seaborn to predict market prices based on key features including square footage and number of bedrooms.