

JUNIOR DATA ANALYST

Junior data analytics professional with hands-on experience supporting data audits, cleansing, reconciliation, and exploratory analysis to ensure reporting accuracy. Recent graduate of the NPower Canada Junior Data Analyst Program, with the IBM Data Analyst Professional Certificate and Microsoft Azure AI-900 certification, trained in Excel, SQL, Python, and Tableau.

PROFESSIONAL HIGHLIGHTS

- Hands-on experience in SQL and Python (Pandas, NumPy, Scikit-learn) for data wrangling, cleaning, statistical analysis, and predictive modeling.
- Strong communicator with experience preparing ad hoc reports, dashboards, and data insights while collaborating with stakeholders and senior team members.
- Experience building interactive dashboards and visualizations using Power BI, Tableau, IBM Cognos, Looker Studio, and Qlik to support business decision-making.
- Performed exploratory data analysis (EDA) and statistical analysis using Python to identify trends in production, quality, and customer behavior.
- Proficient in data preparation and workflow automation using Alteryx to streamline analytics processes and improve efficiency.
- Collaborated with cross-functional teams to deliver data-backed insights supporting product initiatives, marketing analysis, and process improvements.

TECHNICAL SKILLS

Programming Languages: SQL, Python (Pandas, NumPy, Matplotlib, Plotly, Dash, Scikit)

Operating Systems: Windows, Linux, MacOS, iOS, Android

Software, Applications, Tools: IBM Watson Studio, Jupyter Notebook, Microsoft Office

Databases: MySQL, SQLite

Visualization Tools: Power BI, Tableau, Looker Studio, Qlik, IBM Cognos Analytics

Cloud Computing: IBM Cloud, Microsoft Azure

Project Management: Agile, Waterfall, Scrum, Trello

Skills: Data wrangling and pre-processing, data cleaning, data visualization and dashboarding, statistical analysis, linear regression, data prediction, storytelling, web scraping

PROFESSIONAL EXPERIENCE

Electrical Engineer, EDIOM, Mississauga ON

Mar 2017 – Jul 2020

- Created analytical reports and visualizations that reduced project decision cycles by 20%.
- Applied forecasting models to electrical performance data, improving prediction accuracy by 18%.
- Managed end-to-end delivery of engineering and analytics projects, balancing scope, schedule, and quality to consistently achieve on-time completion and exceed performance targets.
- Streamlined data reporting processes, cutting manual review work by 25%.

Electrical Design Engineer, Questron Technologies, Mississauga ON

Feb 2017 – Mar 2018

- Analyzed operational and performance data to identify optimization opportunities, resulting in a 12% monthly cost reduction.
- Improved forecasting accuracy for load planning by 15%, supporting long-term strategic decisions.
- Implemented data-driven reporting templates, decreasing reporting time by 30%.

Asst Prof / Project Manager, SCMS, India

(Aug 2013 – Jan 2016 & Oct 2007 – Sep 2011)

- Delivered data-driven reports and visualizations using Excel and Python, improving project evaluation accuracy by 20% and enabling faster faculty decision-making.
- Analyzed large academic and engineering datasets to identify performance trends, increasing program effectiveness by 15% through data-supported curriculum and project improvements.
- Led cross-functional student and faculty project teams, implementing structured reporting frameworks that reduced project review time by 30% and improved documentation quality.

Power Electronics Engineer, ABB, India

Nov 2011 – Jul 2013

- Designed power converters and VFDs for low- and medium-voltage systems, boosting efficiency by 18%.
- Conducted detailed performance analysis to optimize electrical systems and data processing for improved efficiency
- Worked with cross-functional teams to ensure smooth product integration and high customer satisfaction.
- Applied strong analytical skills to identify trends and patterns in electrical systems, optimizing performance and reducing downtime

Electrical Design Engineer, Greyfusion Technologies, India

Mar 2004 – Oct 2007

- Developed hardware circuits and embedded software in C for IoT and industrial applications, enabling smarter and connected systems.
- Integrated and tested hardware software solutions with cross-functional teams, ensuring performance and seamless operation.
- Analyzed customer data to optimize electrical systems and enhance overall customer experience

VOLUNTEER EXPERIENCE**Power BI Developer**, Datamatics, Dubai, UAE

Jun 2022 – Present

- Built interactive dashboards in Power BI and Tableau to track business metrics and KPIs, offering actionable insights and supporting strategic decisions.
- Applied strong collaboration skills to improve team efficiency in electrical and data analytics and technical specifications, ensuring alignment with organizational goals.
- Performed data validation and advanced analytics on sales and operational datasets, identifying trends and anomalies that informed process improvements and strategic business decisions.

Power BI Developer, Impetus, Dubai, UAE

May 2020 – Jun 2022

- Built and supported Tableau dashboards to visualize sales, marketing, and operational data, boosting operational efficiency by 15%.
- Demonstrated ability to work independently on complex electrical and data analytics projects, delivering accurate results.
- Utilized critical decision-making abilities to interpret electrical data and inform strategic planning for analytics projects

EDUCATION & CERTIFICATIONS**Junior Data Analyst Program**, NPower Canada | Toronto

October 2025 - January 2026

Microsoft Azure AI900 Professional Certificate

November 2025

IBM Data Analyst Professional Certificate

January 2026

M-Tech (Electrical & Electronics)

August 2013

B-Tech (Electrical & Electronics)

July 2004