




SURENDRA KUNWAR

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SUMMARY

Certified Data Analyst with a Post-Baccalaureate Certificate in Business Analytics and non-academic experience in data collection, analysis, and visualization. Proficient in Excel, Power BI, SQL, Python, with a proven ability to deliver insights for data-driven decision-making. Over two years of experience as a QA Technician in game functionality testing and a co-op project with KARA, I bring strong analytical and problem-solving skills to drive organizational success as a Data/Business Analyst.

EDUCATION

Ontario Graduate Certificate in Business Analytics

Cambrian College of Applied Arts and Technology

Sudbury, Ontario

Sep 2023 – Jun 2024

Business Information Technology

Alcide Gasperi University

Warsaw, Poland

Oct 2017– Feb 2021

TECHNICAL SKILLS

- SQL (SQL Server, MySQL)
- Python (Pandas, NumPy, Matplotlib)
- Excel (Pivot Tables, VLOOKUP, Conditional Formatting)
- ArcGIS Pro
- Worked on STEM, PS5 Devices
- Microsoft Power BI
- Tableau
- JIRA
- DAX
- R Language

DATA ANALYSIS SKILLS

- ETL (Extract, Transform, Load)
- Data Visualization
- Dashboarding
- Web Scraping
- Statistics for Data Analysis
- Trend Analysis
- Data-driven decision-making

EXPERIENCE

Testronic Laboratories Limited

QA Technician

Jun 2021 - Feb 2023

Warsaw, Poland

- Conducted comprehensive end-to-end testing for game software features, ensuring readiness prior to production.
- Identified and documented user interface (UI) and user experience (UX) defects, enhancing software usability and design.
- Developed and executed detailed test plans to detect data inconsistencies and verify system integrity.
- Performed cross-device compatibility tests on both iOS and Android mobile devices and tablets to ensure a seamless user experience.
- Created, validated, and verified test procedures; compiled and analyzed results to produce detailed reports.
- Managed test case databases, ensuring issues were documented, resolved, and aligned with stringent quality standards.

PROJECTS

Data Mapping (Capstone Project)

Cambrian College and Kids At Risk Action (KARA) organization, USA

April 2024 - Jun 2024

Sudbury, Ontario

- Led a comprehensive data mapping initiative focused on child welfare and protection services in collaboration with Cambrian College and Kids At Risk Action (KARA) organization, Minnesota, USA.
- Leveraged Power BI for dynamic data visualization and storytelling, transforming complex datasets into actionable insights.
- Utilized real-world data from the U.S. national database to analyze and streamline processes, enhancing system performance and user satisfaction.
- Improved operational efficiency by up to 30 percent, reduced manual work by 2 hours, and optimized workflow for greater accuracy and productivity.

AWARDS AND HONORS

- Dean Honor's Award, Cambrian College Year 2023
- Dean Honor's Award, Cambrian College Year 2024
- Quality Gaming Award for Functionality Test Quality Assurance (Testronic) Year 2022

TRAINING AND COURSES

Building Dashboards with Dash and Plot

2024

Data Camp

- * Completed an advanced course on interactive dashboard creation using Plotly and Dash, enhancing data visualization capabilities.
- * Acquired skills in developing engaging, interactive plots and dashboards to present complex data clearly and effectively.
- * Gained proficiency in HTML and CSS to style and customize visual presentations, adding a professional polish to data projects.

Analyzing US Census Data in Python

2024

Data Camp

- * Successfully completed the DataCamp course "Analyzing US Census Data in Python," enhancing skills in demographic and socioeconomic data analysis.
- * Developed proficiency in utilizing the Census API to retrieve data directly into Python, streamlining data acquisition processes.
- * Mastered data manipulation techniques using Pandas for advanced data analysis and transformation, including creating new measures such as segregation indices.
- * Learned foundational skills in geospatial analysis, including map creation with Pandas, to visually represent data insights.