AASHNA DORWAL

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EDUCATION

University of Iowa   **Anticipated Dec 2025**

Bachelor of Business Administration (BBA), Business Analytics & Information Systems
Minor in Computer Science

- Relevant Courses: Information Systems, Computational Thinking, Database Management, Computer Science, Business Analytics, Data Wrangling, Data Mining.

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML, CSS, R, SQL
Software: Microsoft Excel, Microsoft Access, Microsoft Power BI
Tools: VS Code, Git, Pandas, Matplotlib, Juypter, Tableau

WORK EXPERIENCE

Business Development Intern   **May 2024 - Aug 2024**

Electrical Power Products (EP2)   *Des Moines, Iowa*

- Developed and prepared reports for the production and process team using QT9 management software to enhance business development.
- Performed data entry and process documentation using SQL and VKS cloud software.
- Contributed to the ISO certification process by documenting procedures and reports to ensure compliance with standards.

PROJECTS

Book Notes Website (Link)   **Jul 2024**

- Developed and designed a book notes website using JavaScript, HTML, and CSS.
- Implemented search functionality and responsive design for mobile friendliness.
- Added interactive features like real-time search results with JavaScript to enhance user engagement.

Life Expectancy Regression Analysis (Link)   **May 2024**

- Created a multi-linear regression model using World Health Organization data to identify key factors influencing life expectancy across different countries.
- Conducted data cleaning and multicollinearity analysis of 2,900+ records, enhancing model accuracy.

Predictive Data Analysis of Strokes in Patients (Link)   **Jul 2023**

- Developed a model predicting stroke likelihood based on multiple factors using Python and Juypter.
- Applied data wrangling techniques to analyze patterns and trends in a dataset of 5000+ patient records.

Meal Swipes Project   **Mar 2022**

- Utilized Python for in-depth data analysis and extracted data from the initial experiences of University of Iowa students during their first semester.
- Enhanced existing research and established a new correlation between meal swipe timing and the frequency of students dining with friends at the university's dining hall.

INVOLVEMENT

Volunteer: Habitat for Humanity (Builder), Community Crisis Services (Food Bank)
Clubs: Women in Computing Sciences (WiCS), Tippie Tech Analytics & Information Systems, Multicultural Business Student Association (MBSA)