Charles Coonce

Data Scientist

Results-driven data science professional dedicated to mastering practical data analysis and machine learning skills. Known for a strong passion for problem-solving, leveraging analytical abilities to extract insights from complex datasets. Eager to contribute to innovative projects that harness data for strategic decision-making and business growth.

charleslikesdata.com
charlescoonce@gmail.com
(317) 258-2427

Professional Experience

OneAmerica Financial
Business Analyst Intern

Indianapolis, IN
MAY – AUG 2024

- Led and executed the migration of over 10 years of Google Analytics data from 67 websites to internal servers using Python scripting, resulting in improved accessibility and zero data loss, confirmed with a custom Python data validation script.
- Built an automated peer review process, streamlining workflows and boosting the quality and efficiency of business analyst's deliverables.
- Coordinated the redesign of the IT intranet site using SharePoint Online, collaborating with six cross-functional teams to deliver a comprehensive solution

Montana Electrical Training Center - JATC
Assistant Training Director
Journeyperson Electrical Instructor

Helena, MT
MAY 2022 – JUN 2023
JUN 2018 – MAY 2022

- Directed and coordinated training programs for apprentice and journeyman electricians, ensuring compliance with industry standards and local regulations.
- Managed curriculum development, incorporating emerging technologies and best practices to prepare students for real-world applications in the electrical trade.
- Delivered engaging and comprehensive instruction to apprentice and journeyman electricians on a range of topics, including electrical theory, National Electrical Code (NEC) compliance, and practical applications.
- Oversaw administrative operations, including enrollment, scheduling, and tracking student progress, ensuring program efficiency and success.

Various Employers
Journeyperson Electrician
Apprentice Electrician

Helena, MT & Indianapolis, IN
JUN 2017 – JUN 2023
JUN 2018 – MAY 2022

- Performed installation, maintenance, and troubleshooting of electrical systems for commercial, industrial, and residential projects, ensuring compliance with National Electrical Code (NEC) standards.
- Installed and maintained Building Automation Systems (BAS) to optimize energy efficiency and manage commercial clients' HVAC, lighting, and security systems.
- Supervised and managed small commercial projects, coordinating schedules, materials, and teams to ensure timely and cost-effective project completion.
- Communicated effectively with clients, contractors, and project stakeholders to address requirements, provide updates, and resolve issues.

Arizona State University

<div align="right">Expected Spring 2026</div>

Bachelor of Science in Data Science
Focus in Business Analytics
Minor in Human Systems Engineering

Acquired a strong foundation in data science principles, including machine learning, data visualization, statistical analysis, and programming.

Developed expertise in Python and R for data manipulation, automation, and exploratory analysis, utilizing libraries such as Pandas, NumPy, Scikit-learn, and ggplot2.

Applied SQL to query and manage databases, creating efficient data pipelines for storage and retrieval of large datasets.

Google Data Analytics

<div align="right">JAN 2023</div>

Professional Certificate

Completed an intensive, industry-recognized program covering the end-to-end data analysis process, from data cleaning and wrangling to visualization and reporting.

Developed proficiency in tools such as SQL, Spreadsheets (Excel, Google Sheets), and R programming for data manipulation, analysis, and automation.

Built interactive dashboards and visualizations using **Tableau** and R's ggplot2, effectively communicating insights to stakeholders.

Indiana University

<div align="right">AUG 2011</div>

Bachelor of Arts in Telecommunications

Developed strong storytelling and content creation skills, leveraging audio, video, and digital platforms to deliver engaging and impactful messages.

Acquired hands-on experience in video production, editing, and post-production workflows using industry-standard tools such as Adobe Premiere Pro and Final Cut Pro.

Collaborated on group projects, producing multimedia content that demonstrated teamwork, creativity, and technical proficiency.

Tools & Skills

SQL, R, Python, Data Transformation, Statistical Analysis, Exploratory Data Analysis, Data Visualizations, Tableau, Dashboards, Excel, Data Cleaning, Data Ethics, Project Management, Process Optimization, Risk Analysis, Data-Driven Decision Making, PowerBI, SharePoint Design, PowerApps, Requirements Gathering, Technical Documentation, Power Automate, IT Governance and Compliance, HTML, CSS, JavaScript