

Charles Coonce

Data Scientist

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(317) 258-2427

Results-driven data science student dedicated to mastering practical data analysis and machine learning skills. Passionate about leveraging analytical skills to extract actionable insights from complex datasets and solve challenging problems. I am eager to drive innovative projects that enhance strategic decision-making and fuel business growth.

Professional Experience

Clearway Energy Group

Asset and Energy Management Analyst / Solutions Architect

Scottsdale, AZ
MAY 2025 – PRESENT

- Designed and implemented data pipelines using Dagster, dbt, Polars, and Snowflake to automate ingestion, transformation, and validation of renewable energy asset data (solar, wind, BESS).
- Built and optimized VER (Variable Energy Resource) data pipelines integrating with energy solution APIs for operational metrics, scheduling, and performance tracking.
- Built financial and market reporting workflows in Hex and Snowflake, blending Intercontinental Exchange energy data and internal forward energy curves to enhance forecasting and asset management insights.

OneAmerica Financial

Business Analyst Intern

Indianapolis, IN
MAY 2024 – AUG 2024

- Led the migration of 10+ years of Google Analytics data from 67 websites by designing and deploying custom Python scripts—resulting in enhanced data accessibility and 100% data integrity verified through automated validation.
- Refined requirements elicitation skills by actively engaging stakeholders through structured interviews and collaborative workshops, translating diverse business needs into clear, actionable project specifications.
- Orchestrated the redesign of the IT intranet by collecting and synthesizing qualitative data from six cross-functional teams, reducing feature bloat, and delivering a user-centric platform that enhanced communication and efficiency.

Montana Electrical Training Center - JATC

Assistant Training Director
Journeyman Electrical Instructor

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

Various Employers

Journeyman Electrician
Apprentice Electrician
Education

Helena, MT & Indianapolis, IN
JUN 2017 – JUN 2018
AUG 2011 – MAY 2017

Arizona State University

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

DEC 2025

Google Data Analytics

Professional Certificate

Indiana University

Bachelor of Arts in Telecommunications
Tools & Skills

AUG 2011

Python, R, SQL, Polars, dlt, dbt, Dagster, Snowflake, DuckDB, Hex, Data Modeling, ETL/ELT, Streamlit, Snowflake Cortex, Exploratory Data Analysis, Data Visualizations, Tableau, Dashboards, API integration, Excel, Data Cleaning, Data-Driven Decision Making, SharePoint Design, PowerApps, Requirements Gathering, HTML, CSS, JavaScript, Git, Azure DevOps, GitHub Actions, CI/CD, AWS Lambda