Charles Coonce
Analytics Engineer

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(317) 258-2427

Results-driven data scientist specializing in analytics engineering and data modeling. Skilled in Python, SQL, Dagster, dbt, and Polars for building scalable, insight-driven data workflows. Experienced in transforming complex datasets into actionable analytics that enhance forecasting, performance tracking, and business decision-making.

Professional Experience

Clearway Energy Group
Analytics Engineering Intern

Scottsdale, AZ
MAY 2024 – 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 PCI APIs for 6-hour operational metrics, scheduling, and performance tracking.
- Built financial and market reporting workflows in Hex and Snowflake, blending ICE and internal forward 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 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
Journeyperson Electrical Instructor

Helena, MT
MAY 2022 – JUN 2023
JUN 2018 – MAY 20

Various Employers
Journeyperson Electrician
Apprentice Electrician

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

Education

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

JAN 2023

Indiana University
Bachelor of Arts in Telecommunications

AUG 2011

Tools & Skills
Python, SQL, Polars, dlt, dbt, Dagster, Snowflake, DuckDB, Hex, Data Modeling, ETL/ELT, Exploratory Data Analysis, Data Visualizations, Tableau, API integration, Excel, Data Cleaning, Data-Driven Decision Making, SharePoint Design, PowerApps, Requirements Gathering, Git, Azure DevOps