o Resources -

Collaborative Data Engineering with Git

Thanks for watching the session! Here are a few resources that are particularly relevant to what we covered:

- Code Along with Us! Amanda's GitHub repo
 - <u>README</u> check this if you're coding along live!
 - Prerequisites for Airflow Setup
 - Before the webinar, please ensure you have the following installed and configured on your laptop:
 - Python 3.8 or higher
 - Docker Desktop (for running Airflow locally)
 - Astor CLI (install via Homebrew: brew install astro or winget: winget install Astronomer.Astro)
 - Git 2.25 or higher
 - (Optional) GitHub CLI for repository management
 - Verify Your Setup
 - Run these commands to confirm everything is installed correctly:
 - python --version # Should show 3.8+
 - docker --version # Should show Docker version
 - astro version # Should show Astro CLI version
 - git --version # Should show 2.25+
 - Quick Start for Attendees
 - i. Clone this repository: git clone <u>https://github.com/amandajcrawford/collaborative-data-engineering.git</u>
 - ii. Navigate to project: cd collaborative-data-engineering
 - iii. Start Airflow: astro dev start
 - iv. Access Airflow UI: <u>http://localhost:8080</u> (admin/admin)
- Slides
- Amanda's Course on DataCamp Advanced Git
- [SKILL TRACK] GitHub Foundations
- [CAREER TRACK] Data Engineer in Python
- [CODE ALONG] Getting Started with Data Pipelines for ETL
- [COURSE] Introduction to Airflow in Python
- [CAREER TRACK] Data Engineer in Python
- [TUTORIAL] Airflow vs Prefect: Deciding Which is Right For Your Data Workflow
- [BLOG] The Top 21 Airflow Interview Questions and How to Answer Them
- [TUTORIAL] Getting Started with Apache Airflow
- [TUTORIAL] Building an ETL Pipeline with Airflow
- [CODE ALONG] Full Stack Data Engineering with Python

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