BBB Data gets Better and Better

Project Learning Plan – Jan 10, 2024

Spring 2024

Learning Plan:

Our team will be learning the following skills as we progress in the project and start work on each deliverable. We will obtain resources by learning from our client experts, SMEs, and our project coach as needed. We will also learn from resources we find ourselves online. An important resource for our team will be the handover documentation from the previous team.

An important place for us to learn about the project will be during our client meetings. These meetings will be our primary time to speak with the experts at BBB to better understand the different aspects of the project. To best utilize this time, our team will create a plan for each meeting organizing the things we plan to gain from the meeting.

A team goal is to dedicate ourselves to learning. This is both by helping each other and prioritizing our understanding of the products we create. This means understanding what we code and how it is utilized. When discussing potential packages and methods knowing what they are, and the costs associated with them will be critical. This will be done by having weekly meetings with team where each member will present their learnings.

Learning Per Deliverable:

Deliverable	Skills
Requirements analysis document that includes identification of desired data profiling, validation, cleansing, and error handling outcomes, as well as desired documentation and plans for long term maintenance.	- Client Communication - SQL - Python - Web scraping packages
Data quality development/management environment that includes testing tools.	- SQL - Python - Scripting language (TBD)
Core algorithms (in both document and working code forms) that solve targeted data validation and alignment issues	- Python - Data connectivity - Statistical analysis - Python Packages for Data Management - Data science

Documentation of both core algorithms and the final usable system delivered both for reuse by client and future student teams	• Documentation
Final presentation and digital artifact handover. A playable demo and a comprehensive report detailing the development process.	• Technical presenting • Communication • Documentation