



DOUGLAS COLLEGE

COMMERCE & BUSINESS ADMINISTRATION
COMPUTING STUDIES & INFORMATION SYSTEMS
COMPUTER AND INFORMATION SYSTEMS (PBD)

CSIS 4495-050: APPLIED RESEARCH PROJECT

Progress Report 4:

End-to-End Data Engineering Solution for HR Analytics

Team: Matheus Filipe Figueiredo | 300389657

Instructor: Dr. Bambang Sarif

NEW WESTMINSTER/BC
FALL/2025

1. Work Hours

Student Name: Matheus Filipe Figueiredo

Date	Number of Hours	Description of Work Done
11/04/2025	2.5	Created the initial Script for the Video Presentation
11/06/2025	1.5	Created the initial PowerPoint for the presentation
11/06/2025	3	Had a meeting with my teammates to discuss the Video, script and how we would split the presentation.
11/06/2025	0.25	Uploaded the first PowerPoint Version to GitHub
11/06/2025	1.25	Updated my Databricks to fit the new Database format.
11/07/2025	4	Second meeting to discuss and score the video.
11/07/2025	2	Started recreating the Power BI to fit into the new database format.

2. Work done

During this week, my team and I focused on creating the landscape for the midterm video. For this, I created the initial Script for the presentation and the initial PowerPoint.

In the PowerPoint, I added the slides and wrote in some of them, leaving the empty ones to discuss during our meeting.

Before the November 6th class, we met in DSU to discuss our project and video implementation.

On November 7, I updated the Power BI to fit the new database format that Bruno has done.

On November 7, we also had a second meeting to update whatever needed to be changed/updated, and we plan to record the video.

As for GitHub, I uploaded the first version of the PowerPoint to GitHub, so my teammates could look at and edit it.