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**Denver University Data Analytics Bootcamp**

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**Module 9 Challenge**

**Module 9 Challenge Background**

* It’s been two weeks since you were hired as a new data engineer at Pewlett Hackard (a fictional company). Your first major task is to do a research project about people whom the company employed during the 1980s and 1990s. All that remains of the employee database from that period are six CSV files.
* For this project, you’ll design the tables to hold the data from the CSV files, import the CSV files into a SQL database, and then answer questions about the data. That is, you’ll perform data modeling, data engineering, and data analysis, respectively.

**Analysis**

**This activity is broken down into three portions, Data Modeling, Data Engineering and Data Analysis.**

**Data Modeling:**

* **The schema code for use in QuickDBD is provided in a .md file, “SQL\_Challenge\_QuickDBD\_Code.md”.**
  + **In the main repository, a screenshot of an ERD is provided from QuickDBD.**

**Data Engineering:**

* **The table schema is provided in a .sql file, “SQL\_Challenge\_Schema\_Code.sql”.**

**Data Analysis:**

* **The queries are contained in “SQL\_Challenge\_Queries”.**
  + **In the main repository, a screenshot of the import and a sample of a query processing is provided.**