A2: H\_Accounting Business Analysis with Structured Data

TRIO- TEAM 24

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**PROFIT AND LOSS RESULT**

**Table

Description automatically generated**

**BALANCE SHEET RESULT**

**Table

Description automatically generated**

ASSETS = 388,132

LIABILITIES = 255,871 AND EQUITY = 132.261

ASSETS = LIABILITIES + EQUITY = 388,132

**CASH FLOW STATEMENT:**

**RESULT**

**Graphical user interface, application

Description automatically generated**

**REFLECTION PAPER**

**How did the pairs work together?**

We as a team worked well together understanding each other boundaries by establishing ground rules and knowing each other level of skills in terms of technical skills and the soft skills, we divided the work based on each skill level. We as a team understood the concept and discusses the solutions together. We established one team leader who managed to organize the meetings and call, A tech leader who knew better sql coding who verified the code and a leader who verified our overall modification of data and formatting all together at one place.

**Each team member unique contribution:**

**ALI –** Preparing and Printing documentations, Team doubts clarifications, Code of the balance sheet and analyzing the assets and liabilities and equity calculations and P&L Calculations.

**SAI SAMEERA –** Documenting the results, Code and Preparing the whole reflection, Verifying, and writing the comments for balance sheets, profit, and loss, cashflows, Verifying the errors and importing data, Error verifications of the P/L statements for financial metrics.

**OMOROGIUWA –** Organizing the meetings, setting up the calls, % Calculations for profit and loss and balance sheets, performing the joining of the tables for balance sheet, idea and showed the direction of the solution by explaining the data of the database aligning with the concepts from the accounts documentation.

**SQL – Technical Learnings**

The Technical learnings we learned from this course is practical knowledge and aligning the concepts learned from the previous course which is data management and sql.

1. IFNull Function
2. Joins
3. Creation and calling of Store Procedures
4. Creation and Insertion of tables and data into the tables
5. Drop command
6. Multiple joins in one query
7. Sub queries with where command and select
8. Temp Tables
9. Concepts from Accounts
10. Importing the Data

**Difference from Technical Point of View:**

The difference with the same time pressure we learned how to import the data through different servers to various destinations like local server, excel etc.

**Key Learnings from the Course:**

**The main key learnings from the course are :**

1. Team management
2. Time pressure and time management
3. Constant risk and problem solving to find the best path when in trouble
4. Real business case analysis, financial analysis
5. Analyzing complex business scenarios
6. Creating data models and technical skills like SQL, Excel
7. Data management and modelling
8. Structuring the data from raw data and gaining insights from data
9. Organizing the raw data into tables and inserting the data, creating procedure to reduce time of frequent querying the same data.
10. Organizing the data through joins and sub queries for better results.