#8 Group Weekly Progress Report

\*\*Master's in Business Analytics – Culminating Project\*\*

\*\*Group Name:\*\* \_Group 8\_\_\_\_

\*\*Week of:\*\* \_\_\_2\_\_

## 1. Group Lead for the Week

📌 \*\*Lead Member Name:\*\* Ida, Peivand, Knarik

------------------------------------------------------------------------------------------------------------------## 2. Individual Contributions

|  |  |  |  |
| --- | --- | --- | --- |
| \*\*Student Name\*\* | Time Spent (hrs) | Tasks Completed | Challenges Faced |
| Peivand Mehrabadi | 10 hrs | ERD- Entity | DAta extract, ERD, Indicator Python code |
| Ida Karimi | 20 | Getting the data from DataBank, restructuring excel files, normalization and designing ERD, creating database, testing database with writing a few SQL queries. | Finding the indicators in DataBank, restructuring the excel files, normalization and ERD, creating the database. |
| Knarik Gevorgian | 10 | Datsa |  |

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## 3. Key Achievements for the Week

Established a **well-structured database** for analyzing economic, social, and debt-related trends.

Provided a **scalable design** that supports additional indicators if needed.

Ensured **data integrity** through foreign key relationships and structured normalization.

Enabled **efficient analysis** through SQL queries for economic forecasting and policy evaluation.

## 4. Pending Tasks for Next Week

📌 Database Design & Implementation\_\_

📌 Design an ERD (Entity-Relationship Diagram)\_\_

– Implement the Database in SQLite3

## 5. GitHub Submission Details

🔗 \*\*GitHub Repository Link:\*\* <https://github.com/CSUN-MS-BANA/culminating-project-group-8/tree/b3f08698c415eb0f39353667ef721565e6904cf8/WEEK%201>.

📁 \*\*Files Updated/Added:\*\*

### Submission Instructions

1. Complete this progress report weekly.

2. Upload it to your \*\*GitHub repository\*\* along with your project files.

3. Keep track of contributions to maintain transparency.