

Group Weekly Progress Report

Master's in Business Analytics – Culminating Project

Group Name: 1

Week of: 3

1. Group Lead for the Week

Lead Member Name: Celine Abrahamian ▾

2. Individual Contributions

| Student Name | Time Spent (hrs) | Tasks Completed | Challenges |
|-------------------|------------------|---|---|
| Joshua Cabal | 8 | Exported and imported most of the data, created DB tables, inserted data into the database, and worked on the database structure. Reviewed WDI for additional indicators, researched SQLite3. | None |
| Namrata Patil | 6 | Built ERD for QPSD, helped structure the database and table organization. Researched SQLite3 in preparation for next week. | Starting to use SQLite. |
| Christopher Yeung | 6 | Created ERD for SPI, helped with database creation and relationships between tables. Worked on frustration report for Week 2. | Finding the correct database for missing indicators like M2 and Exchange Rates. |
| Celine Abrahamian | 6 | Led the team this week, created ERD for WDI, and facilitated the Thursday meeting. Worked on frustration report for Week 2. | Identifying which indicators were relevant. |

3. Key Achievements for the Week

- Exported and imported data into the database.
- Set up indicator tables for metadata and record tables for country-level values by year.
- Mapped out the database structure and ensured it was properly organized.
- Finalized ERDs for all datasets, and defined the relationships between the tables.

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- Held a team meeting on Thursday to check our progress and make sure everyone was on track
 - Reviewed WDI, SPI, and QPSD databases to check for additional indicators.
 - Exported all data into .csv ready for DataFrame transformation/cleaning

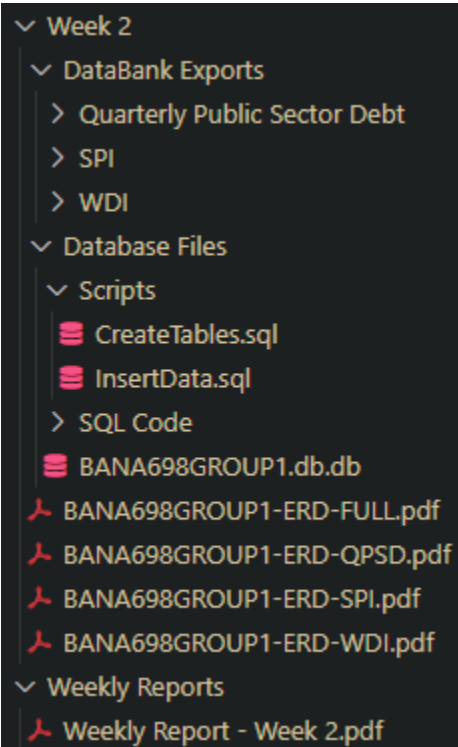
4. Pending Tasks for Next Week

- Write SQL queries to extract information from the database.
- Clean and preprocess the data, including handling missing values and standardizing formats.
- Start working on descriptive statistics and creating visualizations.
- Finalize research questions and make sure they align with our datasets.

5. GitHub Submission Details

GitHub Repository Link: <https://github.com/CSUN-MS-BANA/culminating-project-group-1>

Files Updated/Added:

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 - ✓ Week 2
 - ✓ DataBank Exports
 - > Quarterly Public Sector Debt
 - > SPI
 - > WDI
 - ✓ Database Files
 - ✓ Scripts
 - CreateTables.sql
 - InsertData.sql
 - > SQL Code
 - BANA698GROUP1.db.db
 - BANA698GROUP1-ERD-FULL.pdf
 - BANA698GROUP1-ERD-QPSD.pdf
 - BANA698GROUP1-ERD-SPI.pdf
 - BANA698GROUP1-ERD-WDI.pdf
 - ✓ Weekly Reports
 - Weekly Report - Week 2.pdf

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Submission Instructions

1. Complete this progress report weekly.
2. **File > Download > PDF Document**
3. Upload report [HERE](#)
 - a. **Add File** in the top right
 - b. **Upload File**
4. Keep track of contributions to maintain transparency.