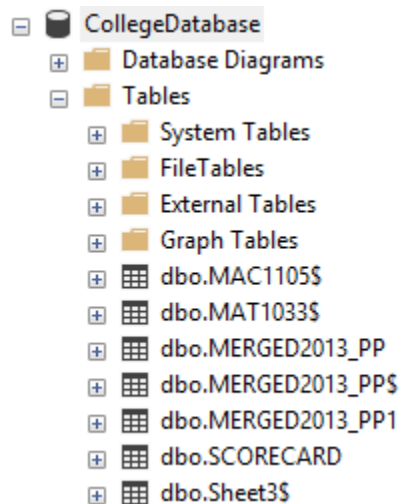Eugene Borts

Applied Database II

Dr. Ronald Eaglin

In this assignment, I imported all provided dictionaries and datasets into the database. I imported both the Excel files and the csv files as flat files, but I was able to get all the required data only using the MERGED2013_PP dataset which is the debt-only Excel file.

- CollegeDatabase
  - Database Diagrams
  - Tables
    - System Tables
    - FileTables
    - External Tables
    - Graph Tables
    - dbo.MAC1105$
    - dbo.MAT1033$
    - dbo.MERGED2013_PP
    - dbo.MERGED2013_PP$
    - dbo.MERGED2013_PP1
    - dbo.SCORECARD
    - dbo.Sheet3$

Once the datasets were imported, the following queries were used to fetch the relevant data.

```sql
SELECT TOP 10 UNITID, INSTNM, CUML_DEBT_P90 FROM MERGED2013_PP
WHERE CUML_DEBT_P90 IS NOT NULL ORDER BY CONVERT(MONEY,STR(CUML_DEBT_P90,8,2)) ASC;

SELECT TOP 10 UNITID, INSTNM, CUML_DEBT_P90 FROM MERGED2013_PP WHERE
CUML_DEBT_P90 IS NOT NULL ORDER BY CONVERT(MONEY,STR(CUML_DEBT_P90,8,2))  DESC;

SELECT TOP 10 UNITID, INSTNM, CUML_DEBT_P75 FROM MERGED2013_PP WHERE
CUML_DEBT_P75 IS NOT NULL ORDER BY CONVERT(MONEY,STR(CUML_DEBT_P75,8,2))  ASC;

SELECT TOP 10 UNITID, INSTNM, CUML_DEBT_P75 FROM MERGED2013_PP WHERE
CUML_DEBT_P75 IS NOT NULL ORDER BY CONVERT(MONEY,STR(CUML_DEBT_P75,8,2))  DESC;

SELECT TOP 10 UNITID, INSTNM, CUML_DEBT_P25 FROM MERGED2013_PP WHERE
CUML_DEBT_P25 IS NOT NULL ORDER BY CONVERT(MONEY,STR(CUML_DEBT_P25,8,2))  ASC;

SELECT TOP 10 UNITID, INSTNM, CUML_DEBT_P25 FROM MERGED2013_PP WHERE
 CUML_DEBT_P25 IS NOT NULL ORDER BY CONVERT(MONEY,STR(CUML_DEBT_P25,8,2))  DESC;

SELECT TOP 10 UNITID, INSTNM, CUML_DEBT_P10 FROM MERGED2013_PP WHERE
CUML_DEBT_P10 IS NOT NULL ORDER BY CONVERT(MONEY,STR(CUML_DEBT_P10,8,2))  ASC;
```

```sql
SELECT TOP 10 UNITID, INSTNM, CUML_DEBT_P10 FROM MERGED2013_PP WHERE
CUML_DEBT_P10 IS NOT NULL ORDER BY CONVERT(MONEY,STR(CUML_DEBT_P10,8,2)) DESC;

WITH cte as (
    SELECT UNITID, INSTNM, CUML_DEBT_N
        , CUML_DEBT_P10_ASC = ROW_NUMBER() OVER (ORDER BY CUML_DEBT_P10 ASC)
        , CUML_DEBT_P10_DESC = ROW_NUMBER() OVER (ORDER BY CUML_DEBT_P10 DESC)
        , CUML_DEBT_P25_ASC = ROW_NUMBER() OVER (ORDER BY CUML_DEBT_P25 ASC)
        , CUML_DEBT_P25_DESC = ROW_NUMBER() OVER (ORDER BY CUML_DEBT_P25 DESC)
        , CUML_DEBT_P75_ASC = ROW_NUMBER() OVER (ORDER BY CUML_DEBT_P75 ASC)
        , CUML_DEBT_P75_DESC = ROW_NUMBER() OVER (ORDER BY CUML_DEBT_P75 ASC)
        , CUML_DEBT_P90_ASC = ROW_NUMBER() OVER (ORDER BY CUML_DEBT_P90 ASC)
        , CUML_DEBT_P90_DESC = ROW_NUMBER() OVER (ORDER BY CUML_DEBT_P90 DESC)
    FROM   [dbo].[MERGED2013_PP])
SELECT * FROM cte
WHERE INSTNM = 'Daytona State College';
```

Once the results were displayed, I saved them as a report file. However, the output of the report file was text-based and poorly formatted, so the results were then saved as separate csv files and merged in Microsoft Excel with the Daytona State College results added to each table for comparison.

Since there was some confusion on my part as to whether an actual report file should be included in the report, I have included the contents of the report file as well as the formatted tables. Below are the results formatted in Excel and the report file output.

Formatted Results

Unit ID	School Name	Cumulative Debt 90th Percentile Lowest 10
101240	Gadsden State Community College	333
141006	South Georgia Technical College	793
431169	Garnet Career Center	800
203067	Hebrew Union College-Jewish Institute of Religion	1000
141158	Southwest Georgia Technical College	1073
242884	MBTI Business Training Institute	1115
102313	H Councill Trenholm State Technical College	1157
118718	Merced College	1250
233310	Rappahannock Community College	1300
418320	Mid-America Technology Center	1312
133386	**Daytona State College**	**4738**

Unit ID	School Name	Cumulative Debt 90th Percentile Highest 10
429094	AOMA Graduate School of Integrative Medicine	131335
103723	Collins College	57500
146010	International Academy of Design and Technology-Chicago	57500
445124	International Academy of Design and Technology-Troy	57500
446817	International Academy of Design and Technology-Nashville	57500

139153	Beulah Heights University	57499
123642	South Coast College	57496
127024	Westwood College-Denver North	57490.5
381787	Westwood College-Denver South	57490.5
437848	Westwood College-Anaheim	57490.5
133386	**Daytona State College**	**3071**

Unit ID	School Name	Cumulative Debt 75th Percentile Lowest 10
101240	Gadsden State Community College	333
141006	South Georgia Technical College	793
431169	Garnet Career Center	800
203067	Hebrew Union College-Jewish Institute of Religion	1000
141158	Southwest Georgia Technical College	1073
242884	MBTI Business Training Institute	1115
102313	H Councill Trenholm State Technical College	1157
118718	Merced College	1250
233310	Rappahannock Community College	1300
418320	Mid-America Technology Center	1312
133386	**Daytona State College**	**3759**

Unit ID	School Name	Cumulative Debt 75th Percentile Highest 10
429094	AOMA Graduate School of Integrative Medicine	131335
123952	Southern California Institute of Architecture	48000
103723	Collins College	47997
146010	International Academy of Design and Technology-Chicago	47997
445124	International Academy of Design and Technology-Troy	47997
446817	International Academy of Design and Technology-Nashville	47997
139153	Beulah Heights University	47439
164872	Boston Architectural College	47000
260813	Platt College-Aurora	46364
137537	Stenotype Institute of Jacksonville Inc-Jacksonville	45393
133386	**Daytona State College**	**3759**

Unit ID	School Name	Cumulative Debt 25th Percentile Lowest 10
101240	Gadsden State Community College	333
101462	J F Drake State Community and Technical College	356
102313	H Councill Trenholm State Technical College	475
176008	Mississippi Delta Community College	500
101286	George C Wallace State Community College-Dothan	528
140599	Moultrie Technical College	555
111391	California Western School of Law	643

Unit ID	School Name	
200466	Sitting Bull College	686
243072	Ponce Paramedical College Inc	754
141006	South Georgia Technical College	793
133386	**Daytona State College**	**1949**

Unit ID	School Name	Cumulative Debt 25th Percentile Highest 10
429094	AOMA Graduate School of Integrative Medicine	131335
123952	Southern California Institute of Architecture	27500
114549	Fielding Graduate University	20500
167215	New England School of Law	20500
448239	Careers Unlimited	19937
260813	Platt College-Aurora	19708
168421	Worcester Polytechnic Institute	19500
216524	Ursinus College	19500
154837	Central Baptist Theological Seminary	19000
164580	Babson College	19000
133386	**Daytona State College**	**5852**

Unit ID	School Name	Cumulative Debt 25th Percentile Lowest 10
101240	Gadsden State Community College	333
101462	J F Drake State Community and Technical College	356
243072	Ponce Paramedical College Inc	412
102313	H Councill Trenholm State Technical College	475
176008	Mississippi Delta Community College	500
199740	Stanly Community College	500
101286	George C Wallace State Community College-Dothan	528
217475	Community College of Rhode Island	550
140599	Moultrie Technical College	555
169576	Detroit Business Institute-Downriver	603
133386	**Daytona State College**	**1916**

Unit ID	School Name	Cumulative Debt 25th Percentile Highest 10
429094	AOMA Graduate School of Integrative Medicine	131335
114549	Fielding Graduate University	20500
167215	New England School of Law	20500
154837	Central Baptist Theological Seminary	19000
15483701	CBTS - Wisconsin	19000
164085	Maryland University of Integrative Health	14250
448239	Careers Unlimited	14177
387660	Emil Fries Piano Hospital and Training Center	14000
123095	Saybrook University	12500

446039	Arizona School of Acupuncture and Oriental Medicine	12500
133386	**Daytona State College**	**5706**

Report File Output

```
UNITID              INSTNM
CUML_DEBT_P90
------------------- -------------------------------------------------------------
---------------------------------------------------------------------------------
---------------------------------------------------------------------------------
----------- ---------------------
101240              Gadsden State Community College
333
141006              South Georgia Technical College
793
431169              Garnet Career Center
800
203067              Hebrew Union College-Jewish Institute of Religion
1000
141158              Southwest Georgia Technical College
1073
242884              MBTI Business Training Institute
1115
102313              H Councill Trenholm State Technical College
1157
118718              Merced College
1250
233310              Rappahannock Community College
1300
418320              Mid-America Technology Center
1312

(10 rows affected)

UNITID              INSTNM
CUML_DEBT_P90
------------------- ----------------------------------------------------------
--------------------------------------------------------------------------------
--------------------------------------------------------------------------------
----------- ---------------------
429094              AOMA Graduate School of Integrative Medicine
131335
103723              Collins College
57500
146010              International Academy of Design and Technology-Chicago
57500
445124              International Academy of Design and Technology-Troy
57500
446817              International Academy of Design and Technology-Nashville
57500
139153              Beulah Heights University
57499
```

```
123642                  South Coast College
57496
127024                  Westwood College-Denver North
57490.5
381787                  Westwood College-Denver South
57490.5
437848                  Westwood College-Anaheim
57490.5
```

(10 rows affected)

```
UNITID                  INSTNM
CUML_DEBT_P75
-------------------- ----------------------------------------------------------------
-----------------------------------------------------------------------------------
-----------------------------------------------------------------------------------
----------- ---------------------
101240                  Gadsden State Community College
333
141006                  South Georgia Technical College
793
431169                  Garnet Career Center
800
203067                  Hebrew Union College-Jewish Institute of Religion
1000
141158                  Southwest Georgia Technical College
1073
242884                  MBTI Business Training Institute
1115
102313                  H Councill Trenholm State Technical College
1157
118718                  Merced College
1250
233310                  Rappahannock Community College
1300
418320                  Mid-America Technology Center
1312
```

(10 rows affected)

```
UNITID                  INSTNM
CUML_DEBT_P75
-------------------- -------------------------------------------------------------------
-----------------------------------------------------------------------------------
-----------------------------------------------------------------------------------
----------- ---------------------
429094                  AOMA Graduate School of Integrative Medicine
131335
123952                  Southern California Institute of Architecture
48000
103723                  Collins College
47997
146010                  International Academy of Design and Technology-Chicago
47997
445124                  International Academy of Design and Technology-Troy
47997
446817                  International Academy of Design and Technology-Nashville
47997
```

```
139153                  Beulah Heights University
47439
164872                  Boston Architectural College
47000
260813                  Platt College-Aurora
46364
137537                  Stenotype Institute of Jacksonville Inc-Jacksonville
45393

(10 rows affected)

UNITID                  INSTNM
CUML_DEBT_P25
-------------------- --------------------------------------------------------------------
-------------------------------------------------------------------------------------------
-------------------------------------------------------------------------------------------
----------- ---------------------
101240                  Gadsden State Community College
333
101462                  J F Drake State Community and Technical College
356
102313                  H Councill Trenholm State Technical College
475
176008                  Mississippi Delta Community College
500
101286                  George C Wallace State Community College-Dothan
528
140599                  Moultrie Technical College
555
111391                  California Western School of Law
643
200466                  Sitting Bull College
686
243072                  Ponce Paramedical College Inc
754
141006                  South Georgia Technical College
793

(10 rows affected)

UNITID                  INSTNM
CUML_DEBT_P25
-------------------- --------------------------------------------------------------------
-------------------------------------------------------------------------------------------
-------------------------------------------------------------------------------------------
----------- ---------------------
429094                  AOMA Graduate School of Integrative Medicine
131335
123952                  Southern California Institute of Architecture
27500
114549                  Fielding Graduate University
20500
167215                  New England School of Law
20500
448239                  Careers Unlimited
19937
260813                  Platt College-Aurora
19708
```

```
168421                 Worcester Polytechnic Institute
19500
216524                 Ursinus College
19500
154837                 Central Baptist Theological Seminary
19000
164580                 Babson College
19000
```

(10 rows affected)

```
UNITID                 INSTNM
CUML_DEBT_P10
-------------------- --------------------------------------------------------------
-------------------------------------------------------------------------------------
-------------------------------------------------------------------------------------
----------- ---------------------
101240                 Gadsden State Community College
333
101462                 J F Drake State Community and Technical College
356
243072                 Ponce Paramedical College Inc
412
102313                 H Councill Trenholm State Technical College
475
176008                 Mississippi Delta Community College
500
199740                 Stanly Community College
500
101286                 George C Wallace State Community College-Dothan
528
217475                 Community College of Rhode Island
550
140599                 Moultrie Technical College
555
169576                 Detroit Business Institute-Downriver
603
```

(10 rows affected)

```
UNITID                 INSTNM
CUML_DEBT_P10
-------------------- ----------------------------------------------------------------------
-------------------------------------------------------------------------------------
-------------------------------------------------------------------------------------
----------- ---------------------
429094                 AOMA Graduate School of Integrative Medicine
131335
114549                 Fielding Graduate University
20500
167215                 New England School of Law
20500
154837                 Central Baptist Theological Seminary
19000
15483701               CBTS - Wisconsin
19000
164085                 Maryland University of Integrative Health
14250
```

```
448239                  Careers Unlimited
14177
387660                  Emil Fries Piano Hospital and Training Center
14000
123095                  Saybrook University
12500
446039                  Arizona School of Acupuncture and Oriental Medicine
12500

(10 rows affected)

UNITID                  INSTNM
CUML_DEBT_N             CUML_DEBT_P10_ASC    CUML_DEBT_P10_DESC   CUML_DEBT_P25_ASC
CUML_DEBT_P25_DESC   CUML_DEBT_P75_ASC    CUML_DEBT_P75_DESC   CUML_DEBT_P90_ASC
CUML_DEBT_P90_DESC
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-----------------------------------------------------------------------------------
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--- -------------------
133386                  Daytona State College
8181                    1916                 5706                 1949
5852                 3759                 3759                 4738                3071

(1 row affected)
```