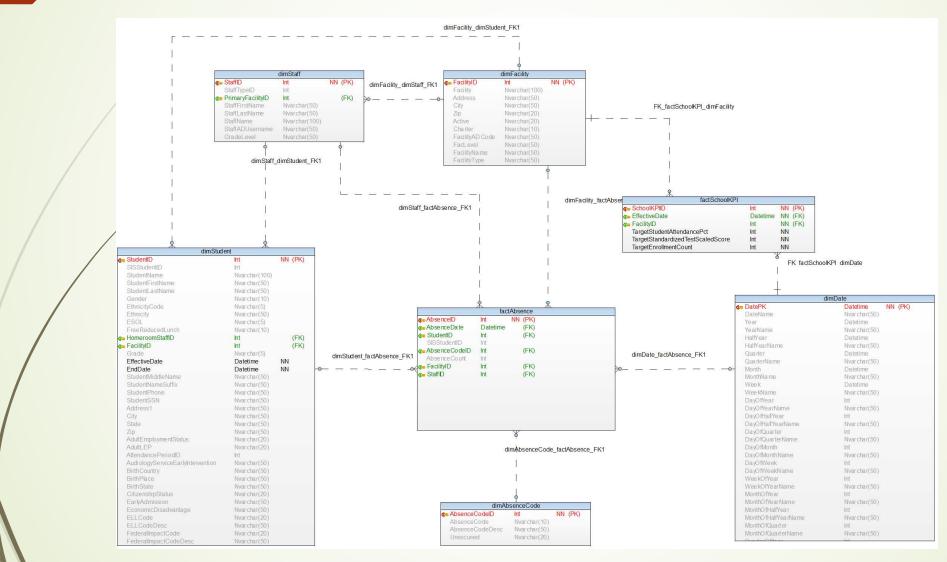
Group 15

Dongyue Li Biying Ma

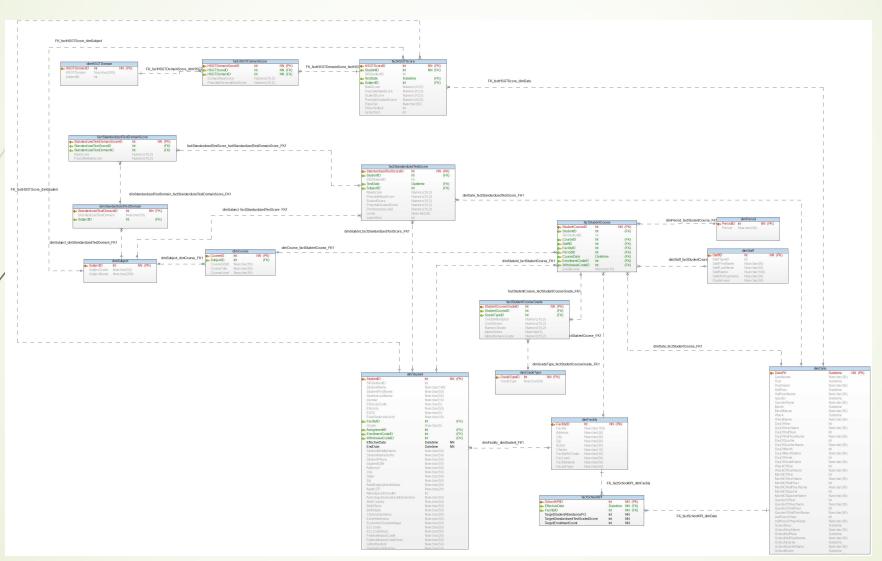
Summary

- 1. Use Toad Data Modeler to create 4 Schools Dimensional data Models.
- 2. Use SQL Server Data Tools to create OLAP cubes
- 3. Create and use 3 Databses, MS SQL Server, MySQL, PostgreSQL to perform queries for each sample question.
- 4. Use OLAP (SSAS) cube perform queires for each sample queires.
- 5. Use PowerBI using OLAP cubes & display results of above queries/analysis.

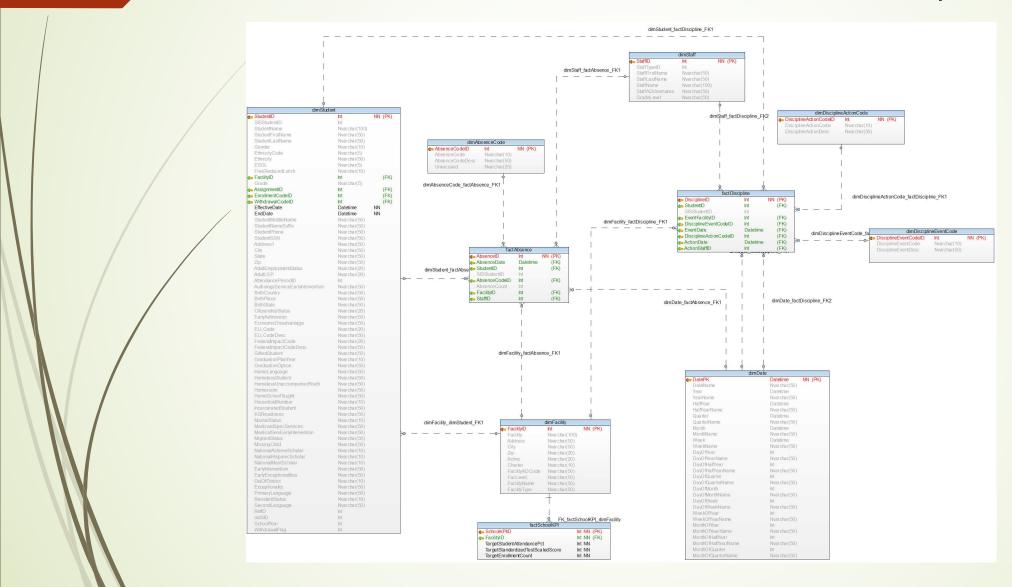
Model1 Schools_Absences



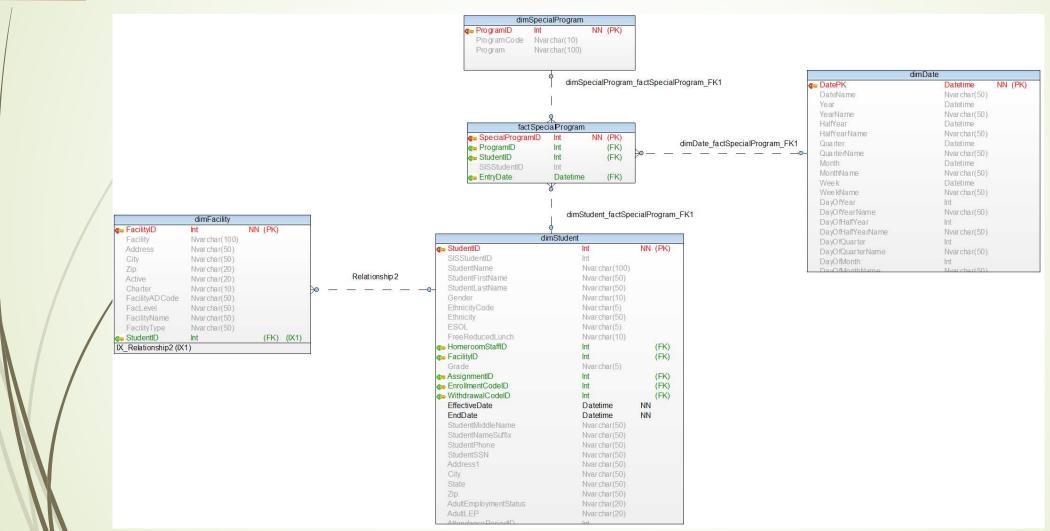
Model2 Schools_AcademicPerformance



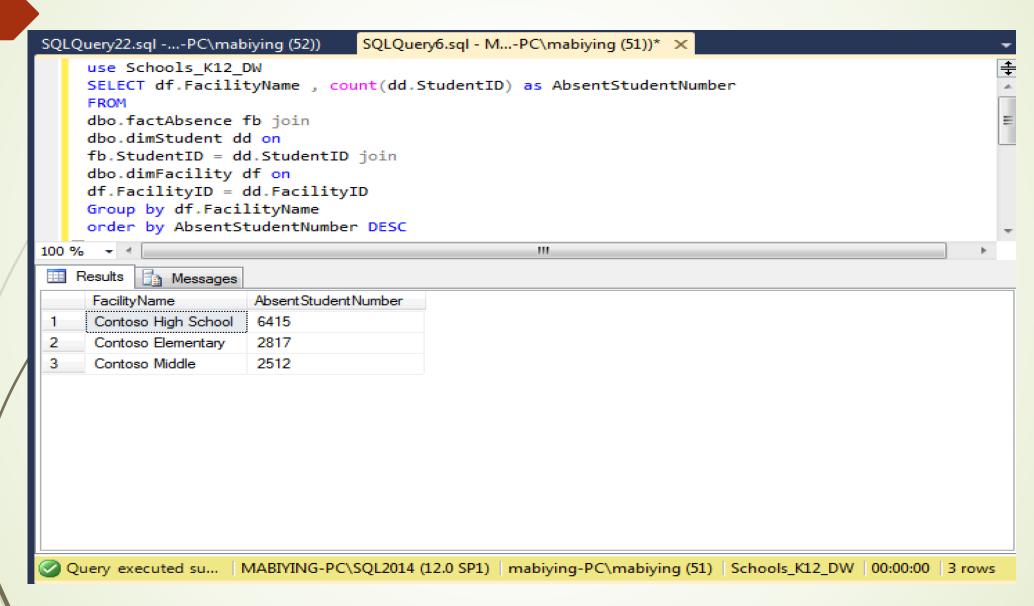
Model3 Schools_Misbehavior&Discipline



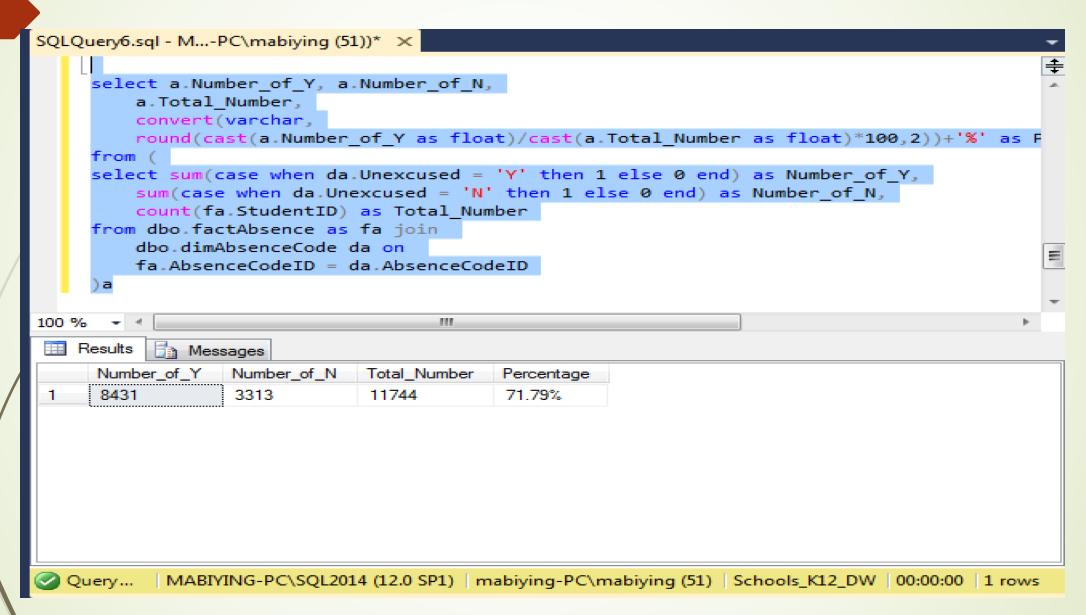
Model4 Schools_SpecialPrograms



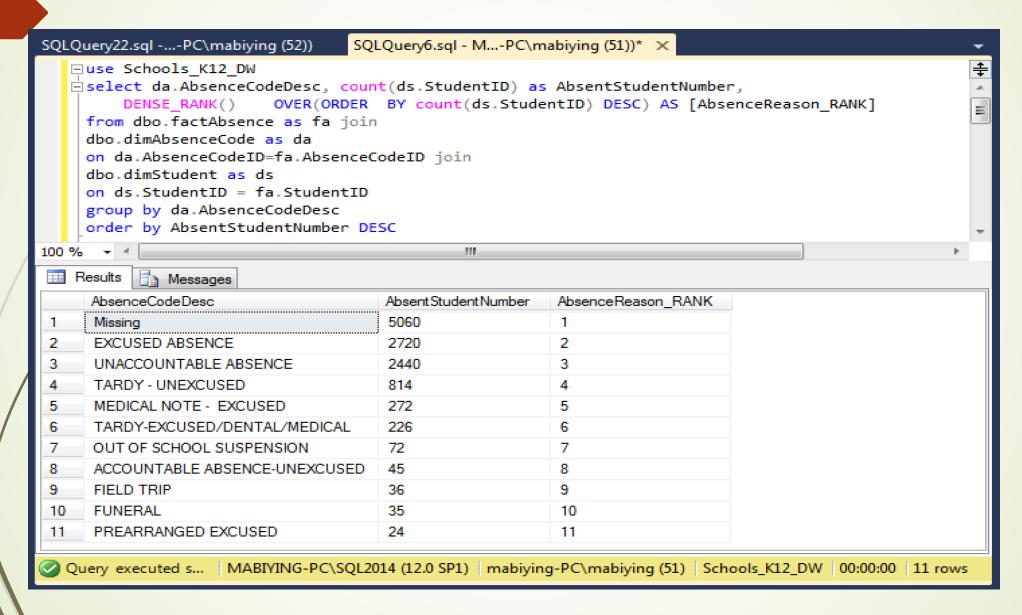
Query Snapshot 2.1



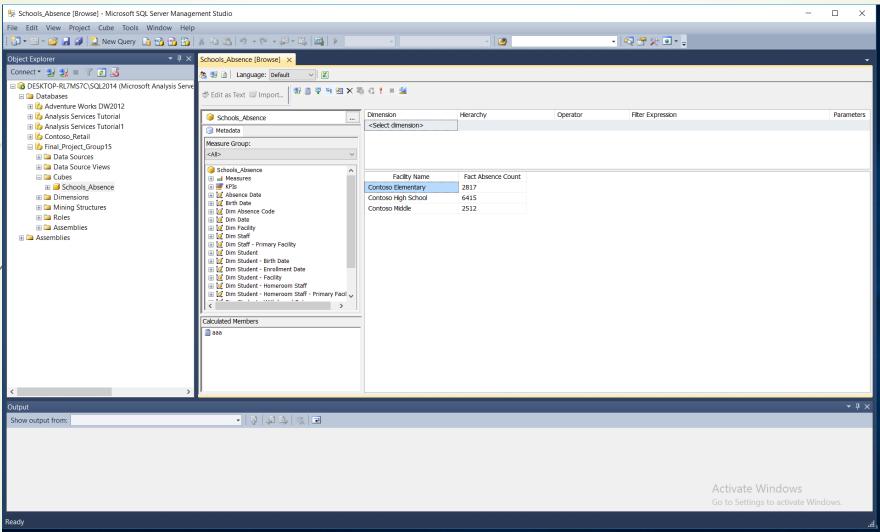
Query Snapshot 2.2



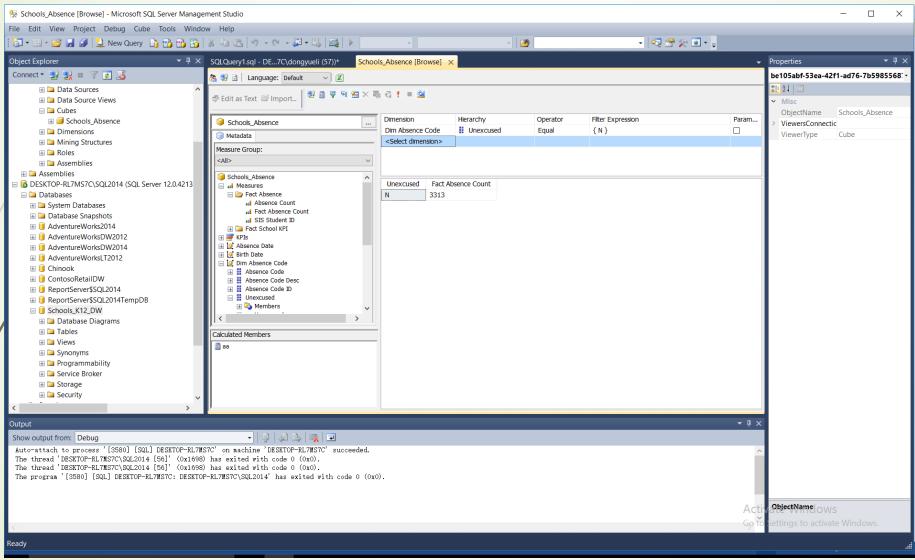
Query Snapshot 2.3



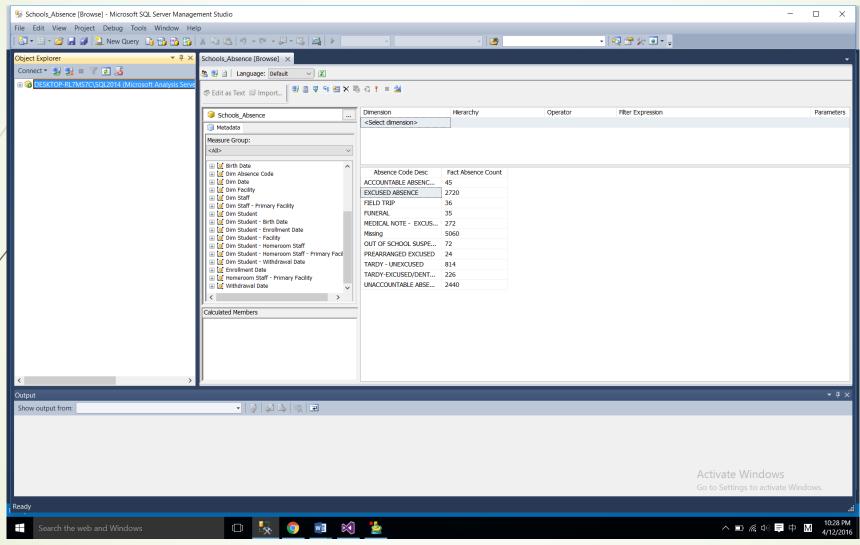
present query results 2.1



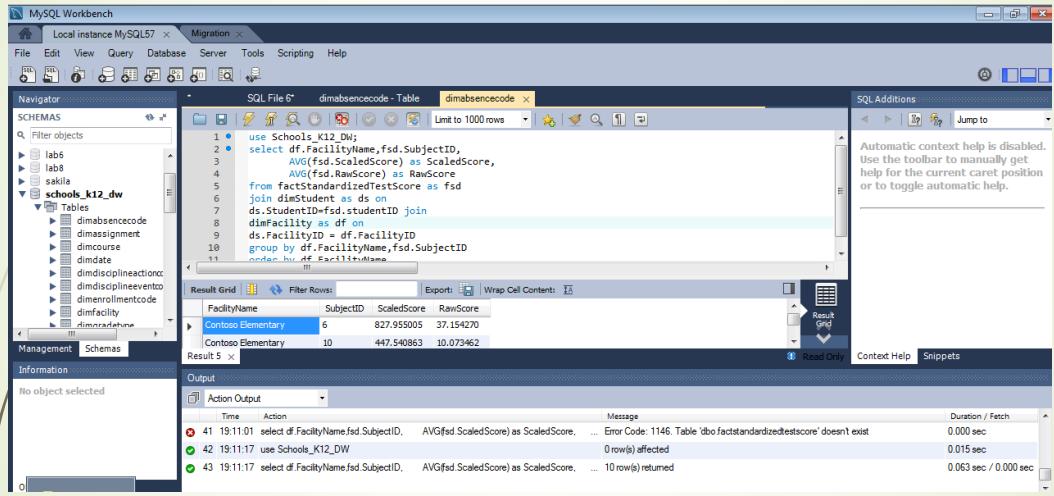
present query results 2.2



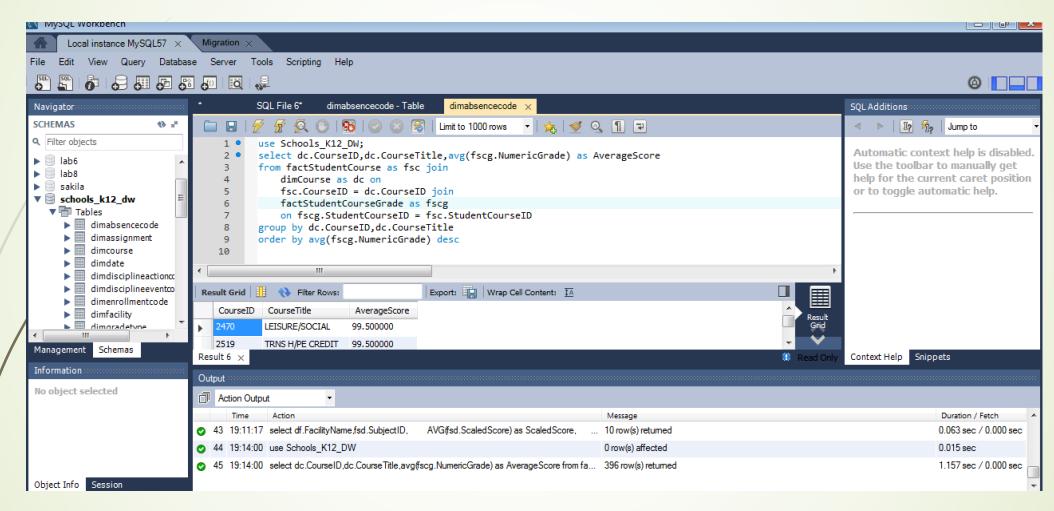
present query results 2.3



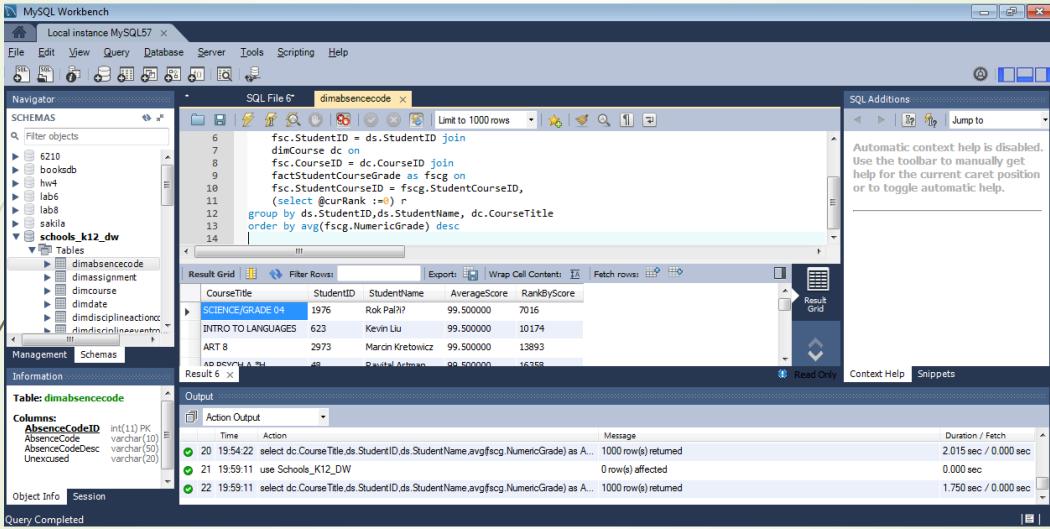
MySQL query results 3.1



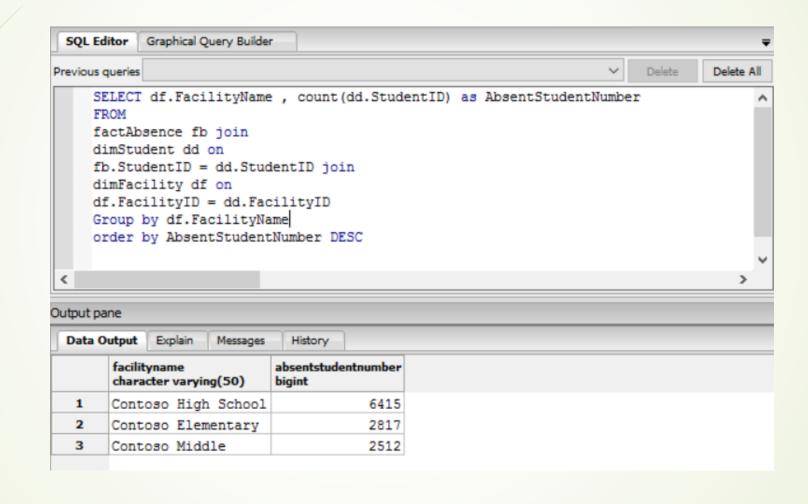
MySQL query results 3.2



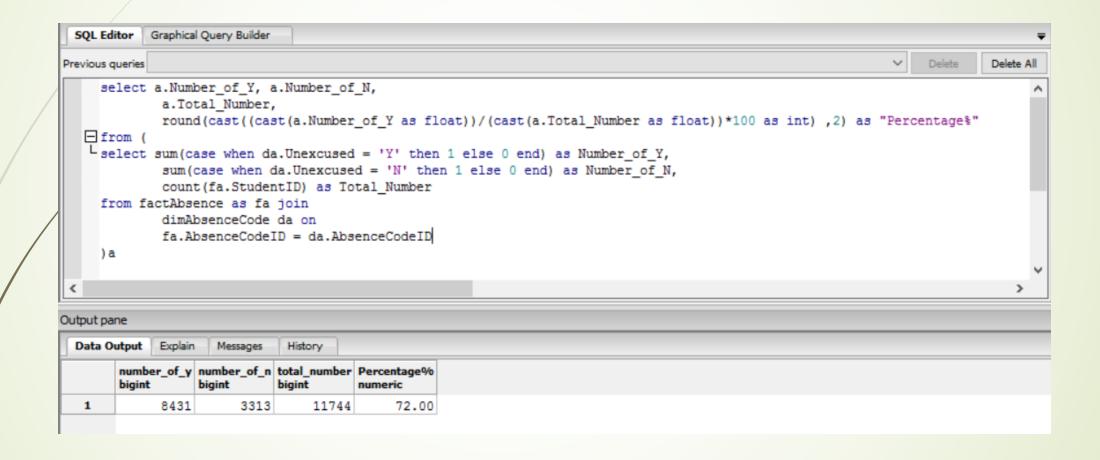
MySQL query results 3.3



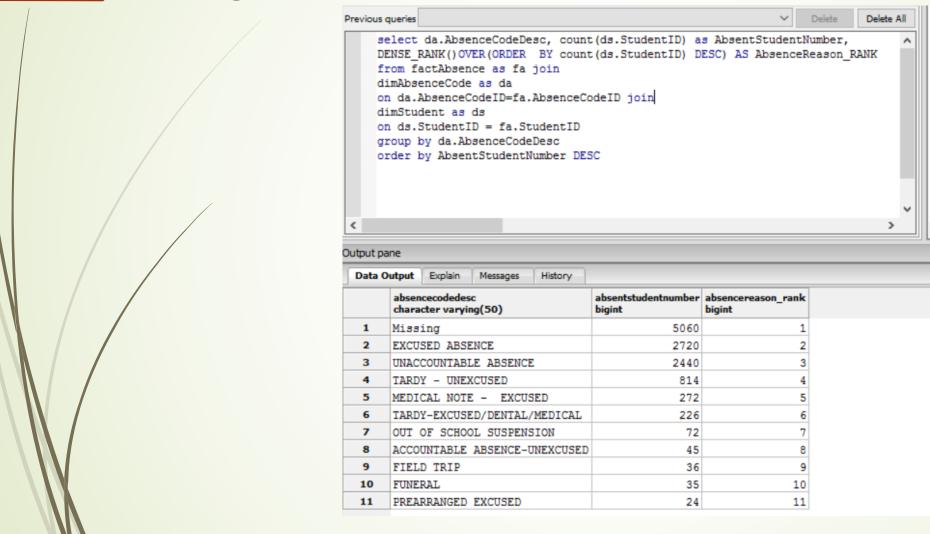
PostgreSQL Query 2.1



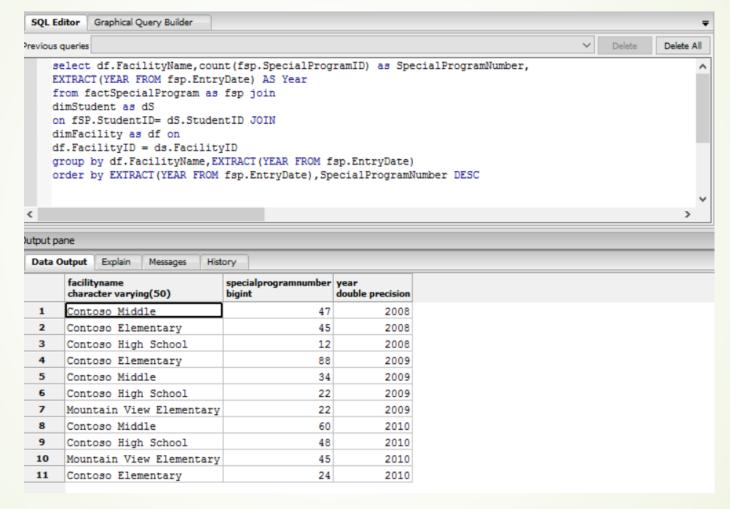
PostgreSQL Query 2.2



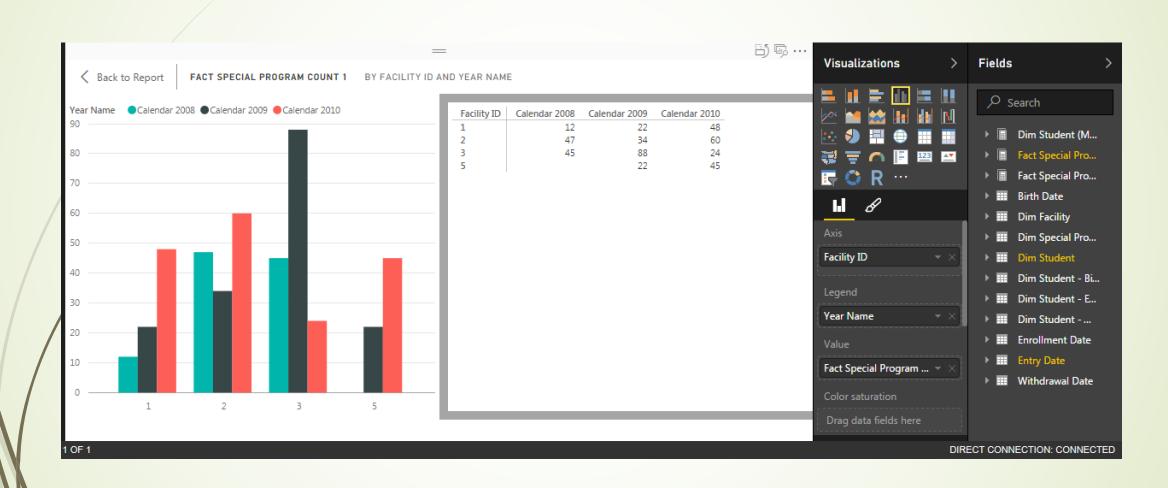
PostgreSQL Query 2.3



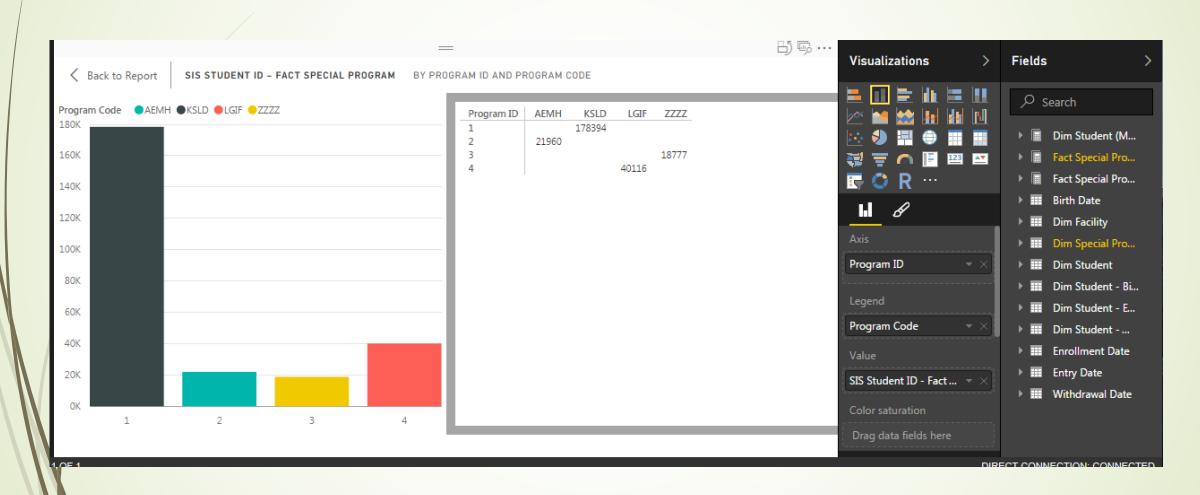
PostgreSQL Query 4.1



Power BI 4.1



Power BI 4.2



Power BI 4.3

