

Analysis of various fields



School Database

Analysis of various fields

What we have used

Databases
PostgreSQL
MySQL
Sql Server

PowerBI

Tool

Approach to Problem

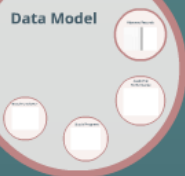
Created Dimensional Model for given data set
Loaded data into Databases
Complex queries and views to extract results

Created OLAP cubes for every factset
Displayed the extracted data onto analysis server
Extracted data from Analysis server and created
analysis reports in Power BI

Analysis of School data

Tool Used - PowerBI

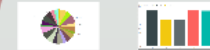
Data Model



Absence Details



Academic Performance



Logo

What we have used

Databases

PostgreSQL

Mysql

Sql Server

PowerBI

Approach to Problem

Created Dimensional Model for given data set

Loaded data into Databases

Complex queries and views to extract results

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Data Model

Absence Records



Academic Performance



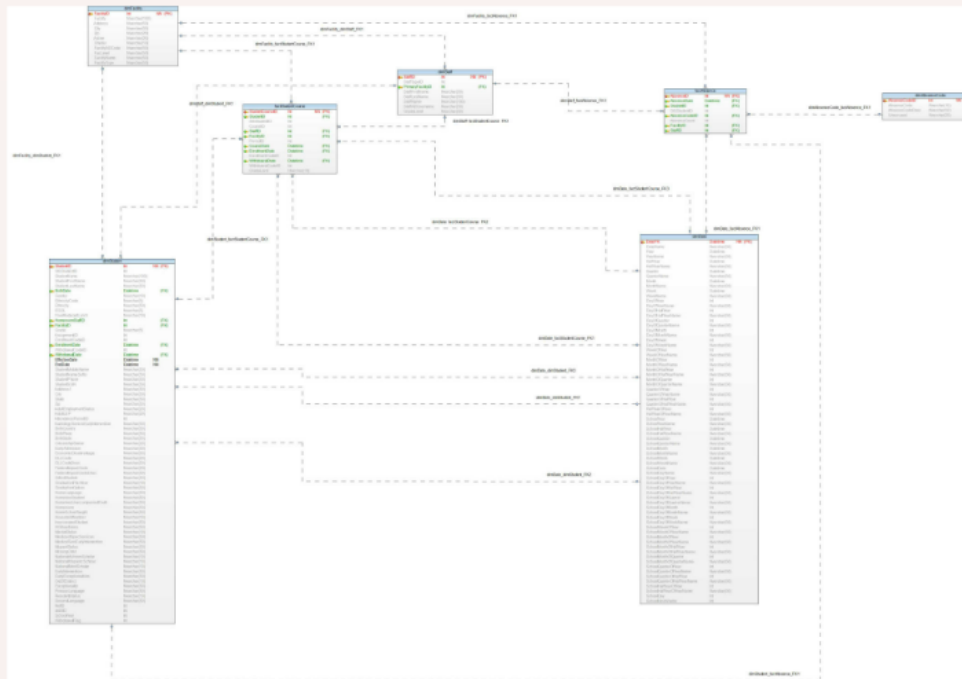
Special Programs



Discipline Behavior

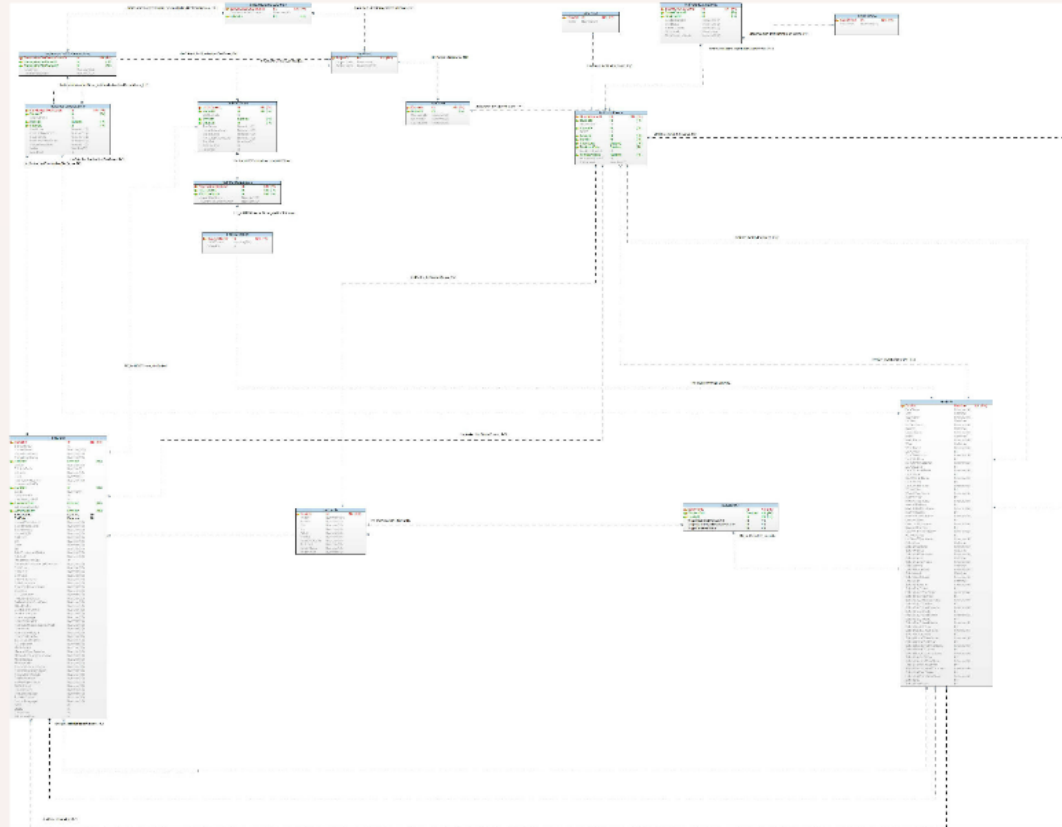


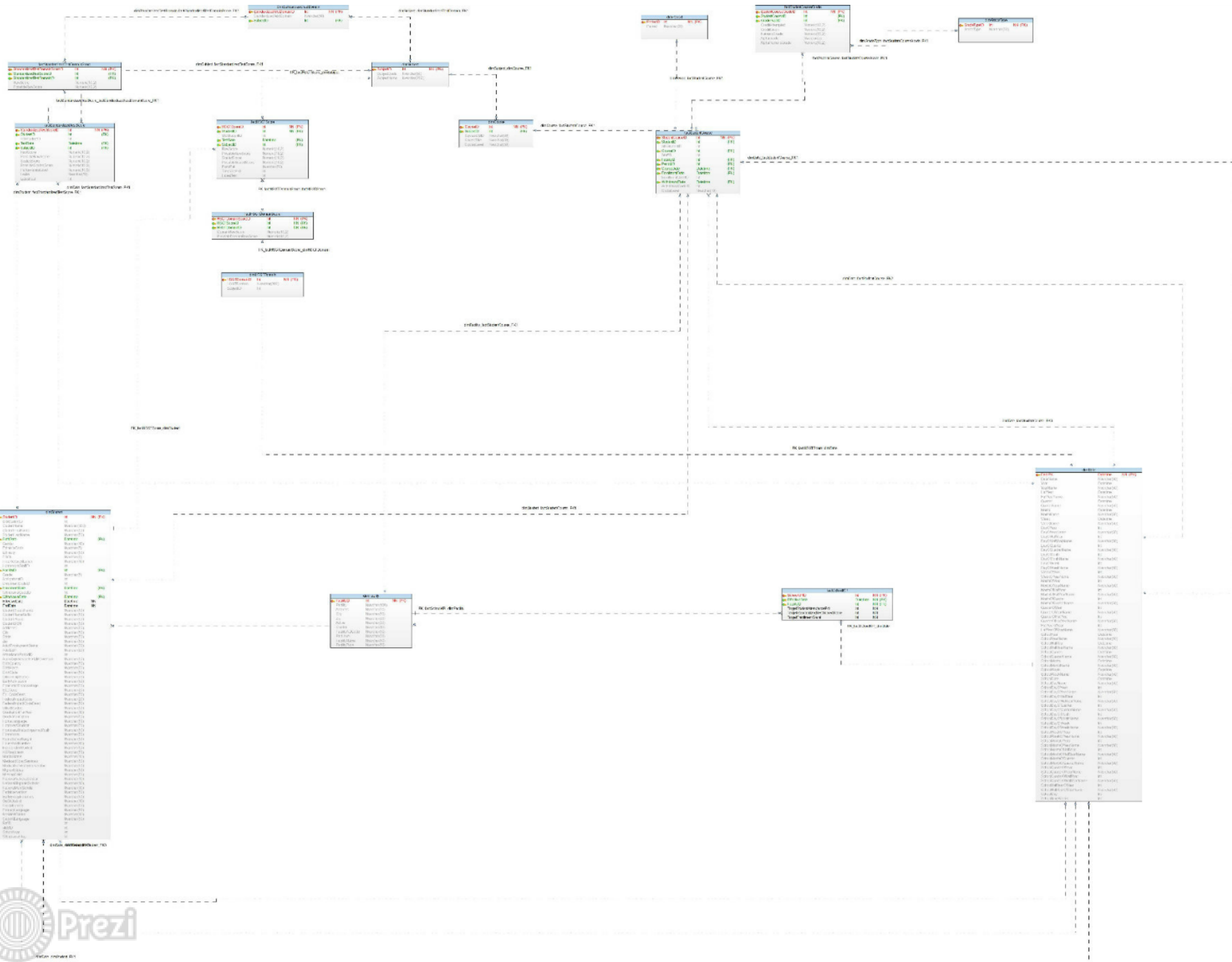
Absence Records



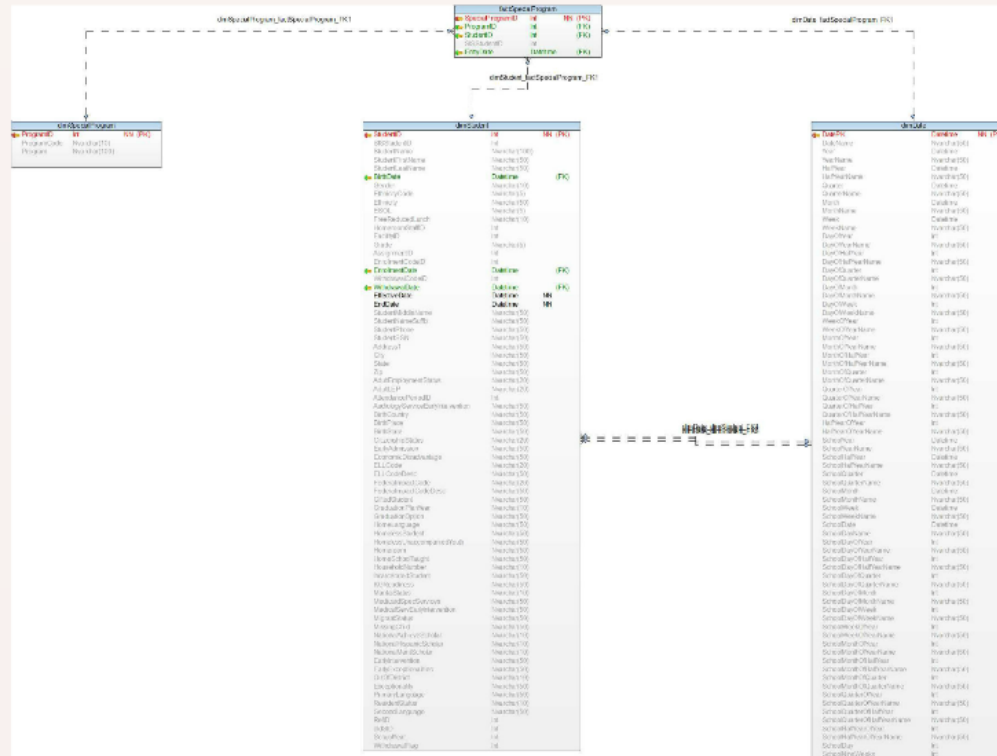


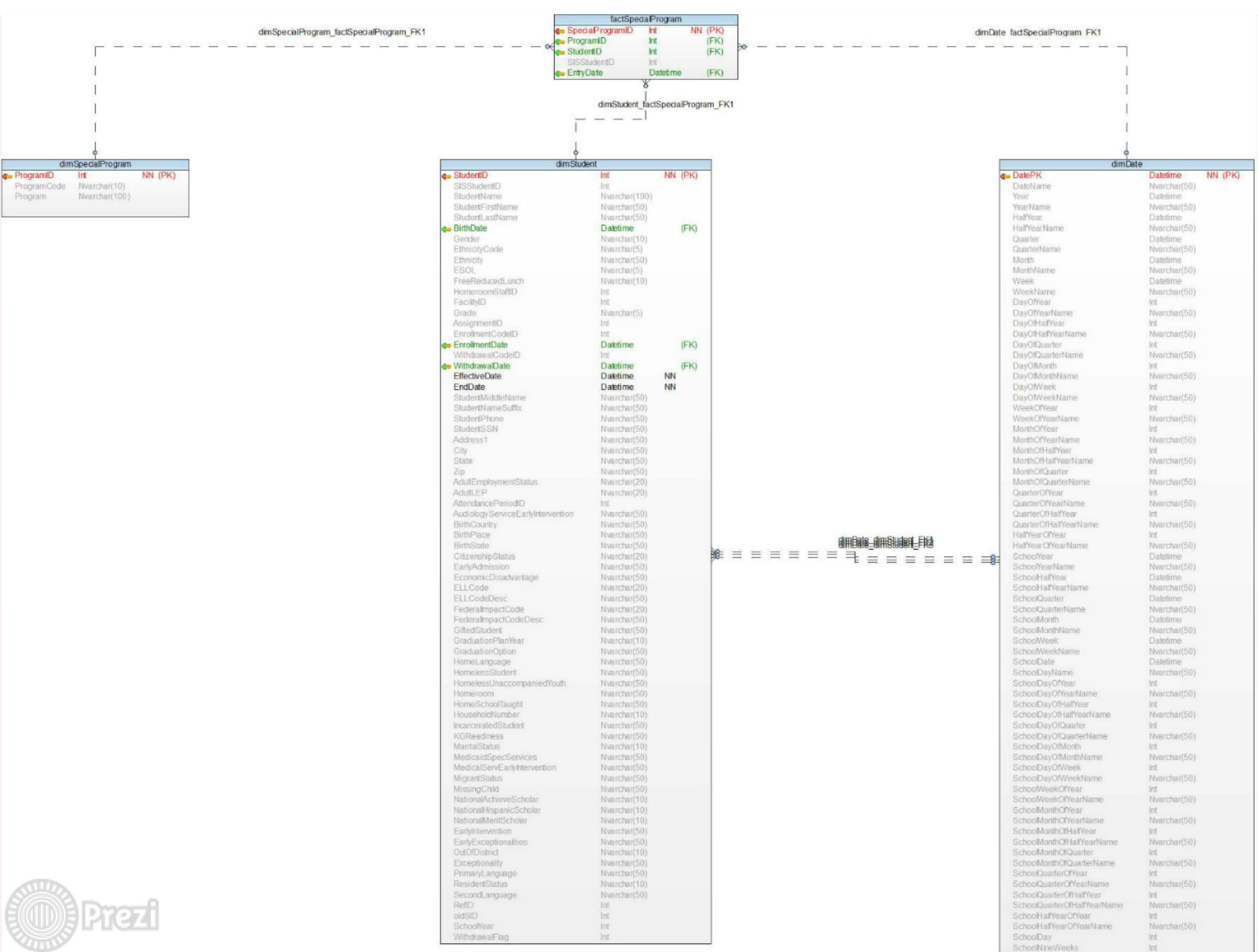
Academic Performance



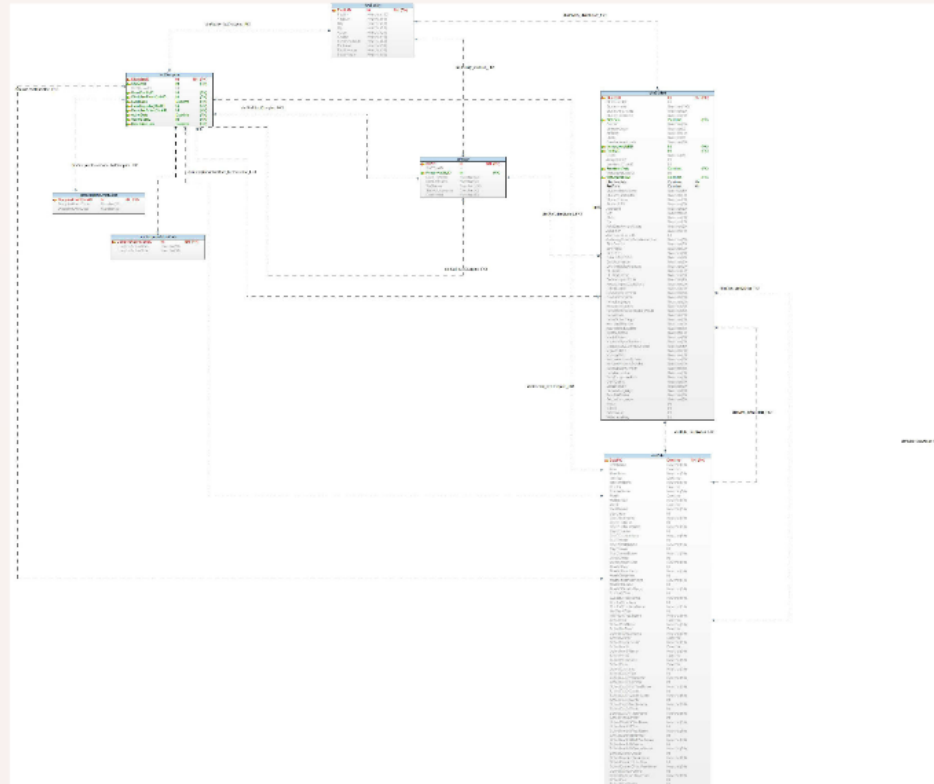


Special Programs





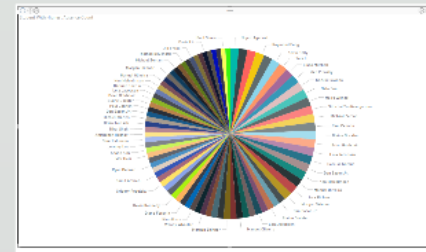
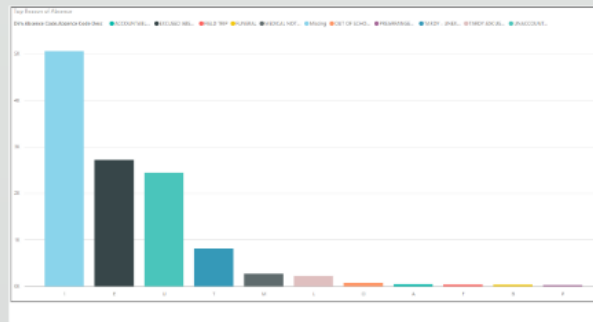
Discipline Behavior



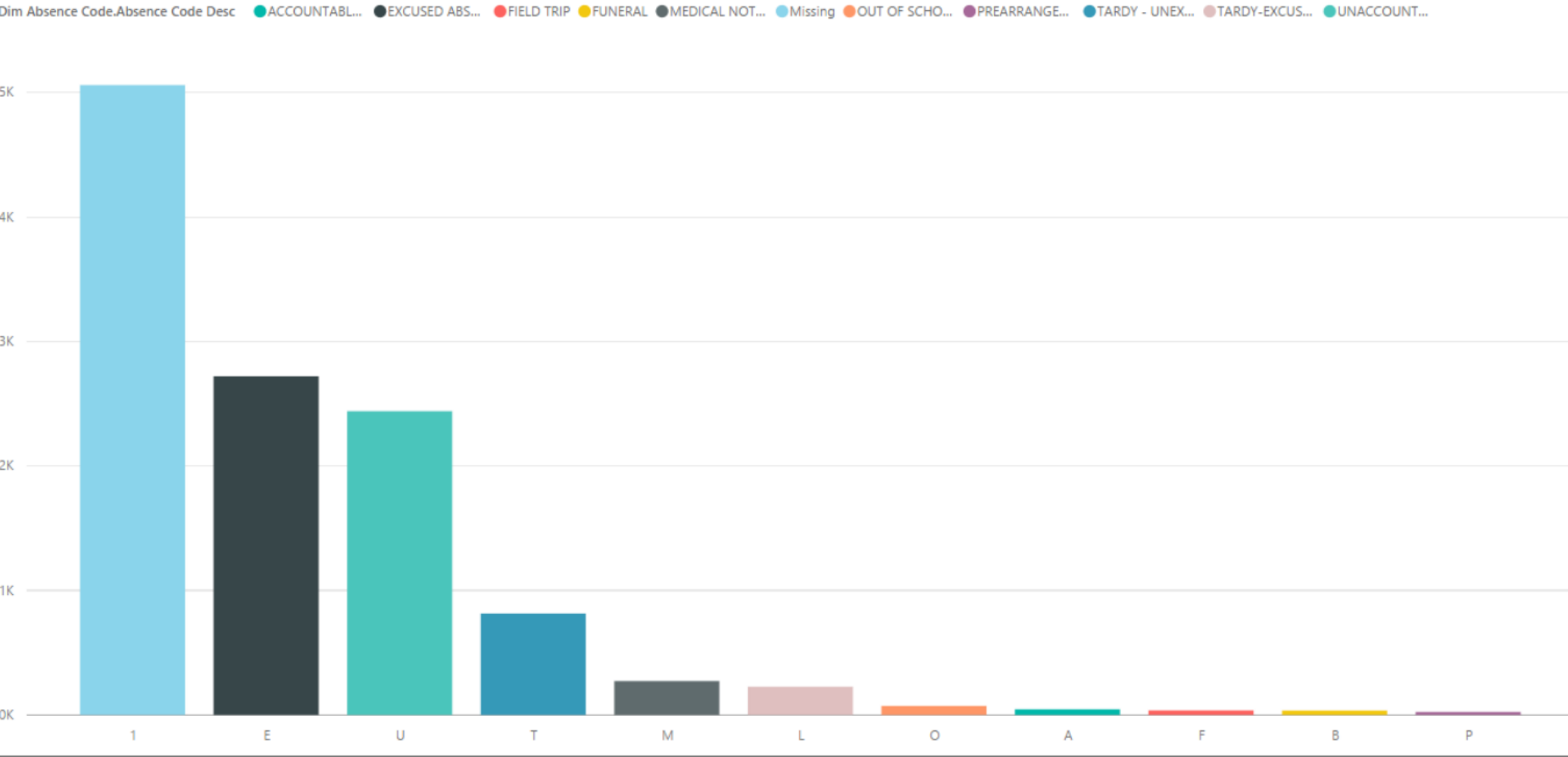
Analysis of School data

Tool Used - PowerBI

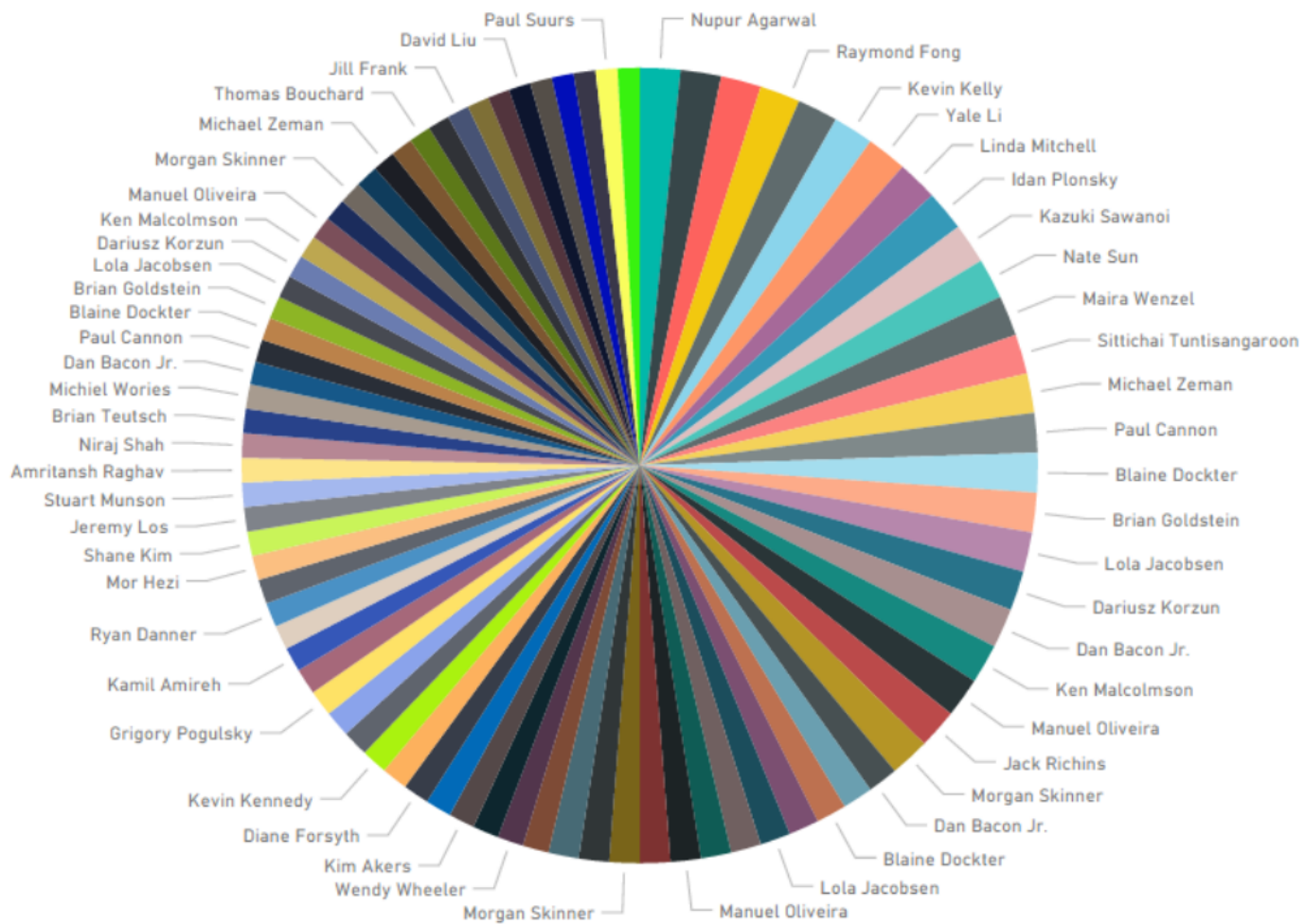
Absence Details



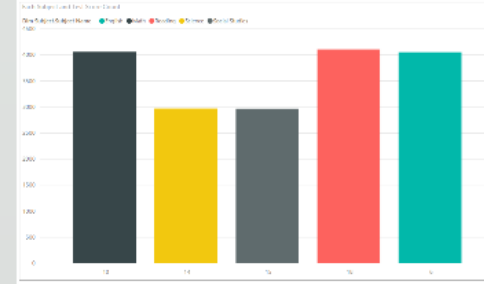
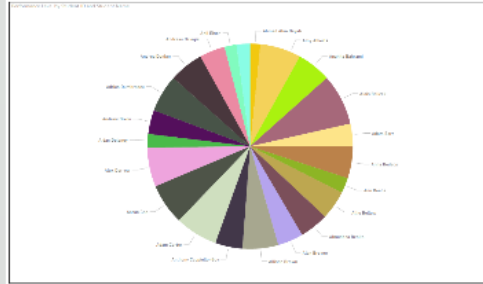
Top Reason of Absence



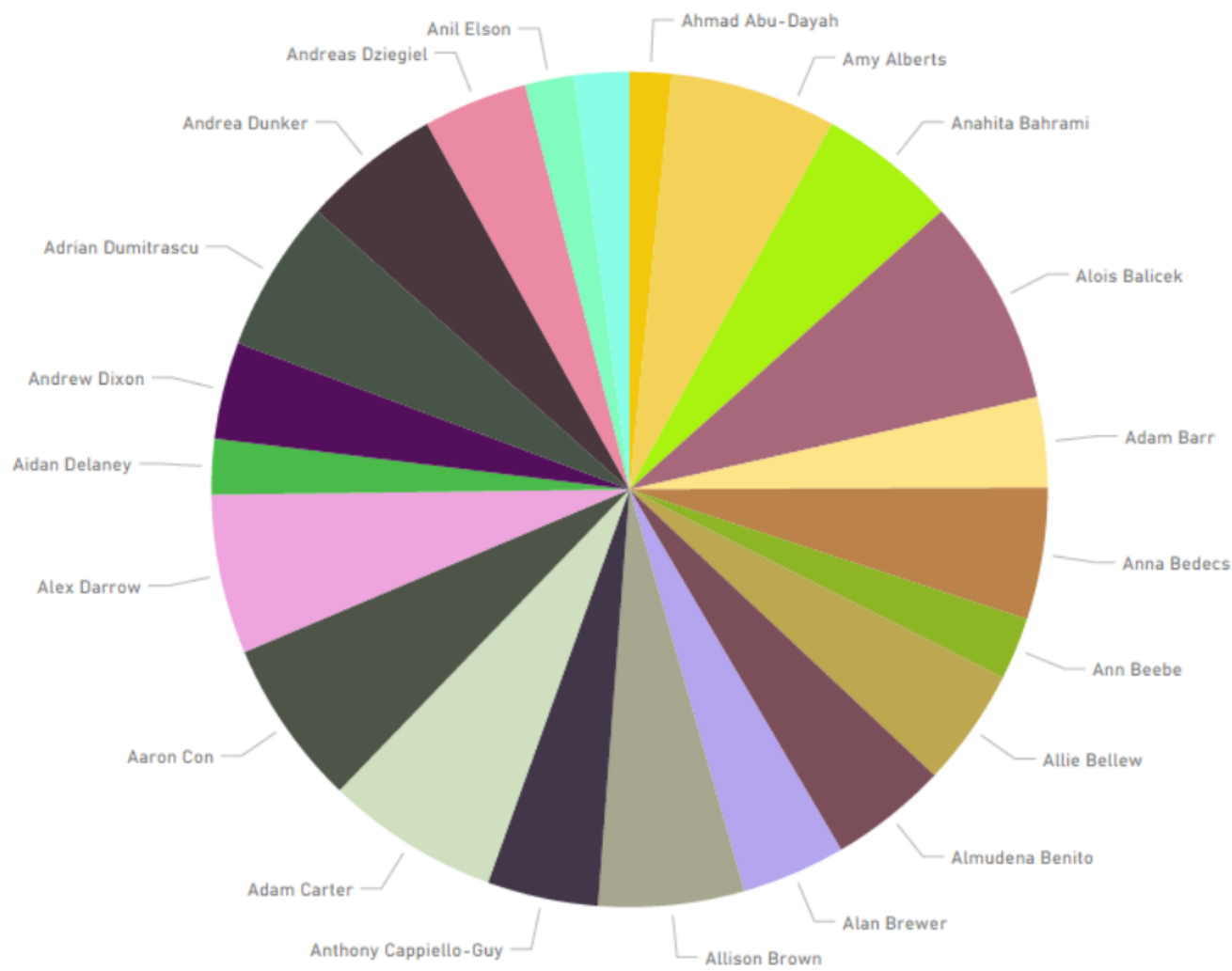
Student With Highest Absence Count



Academic Performance

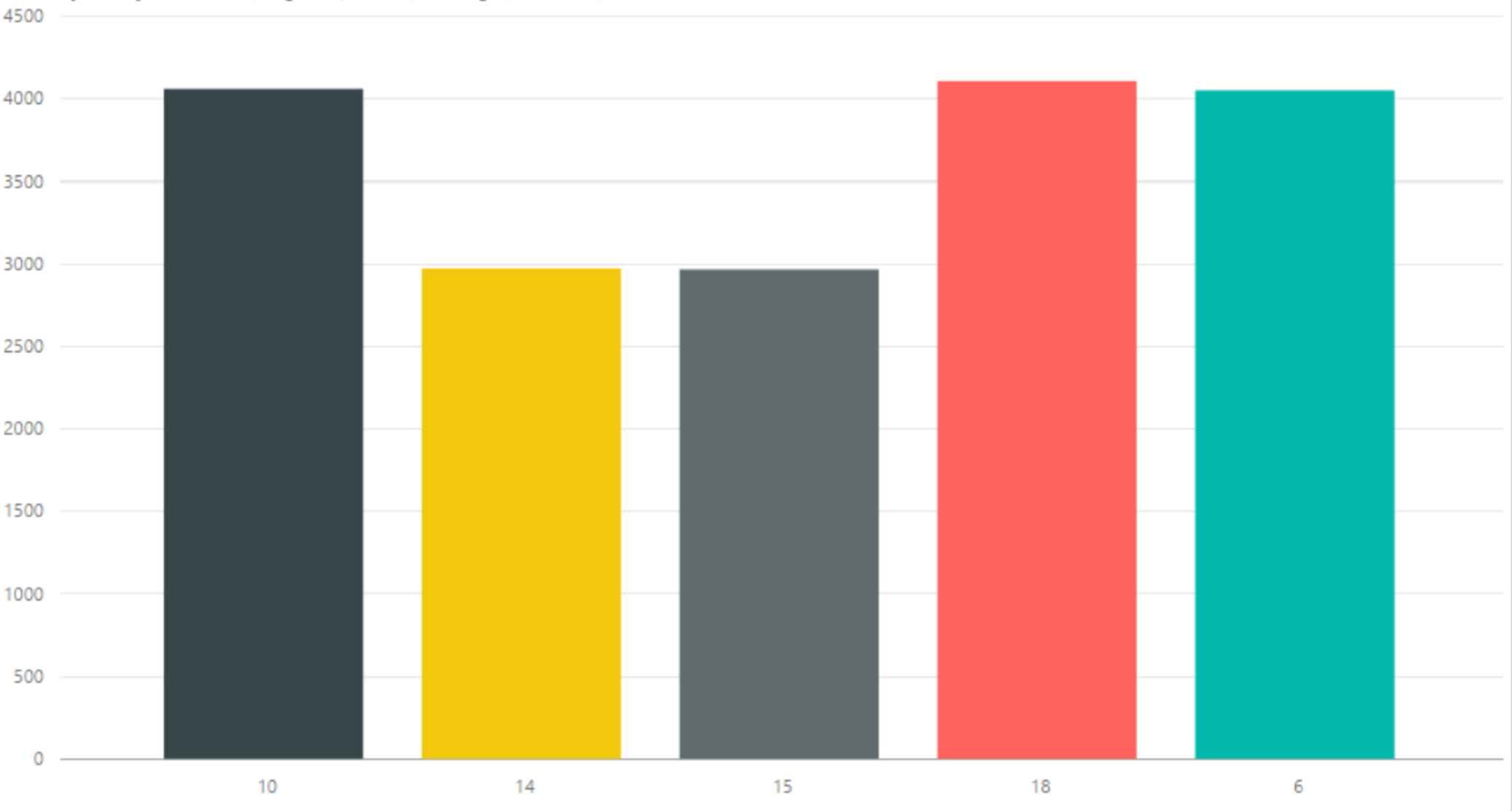


Performance Level by Student ID and Student Name

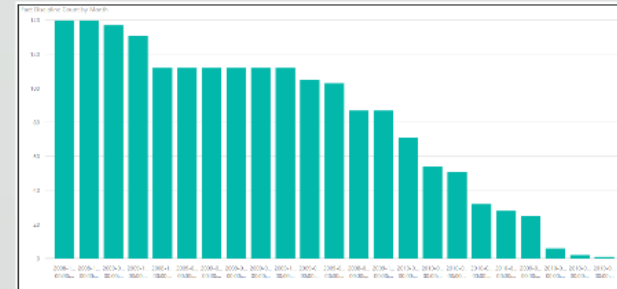
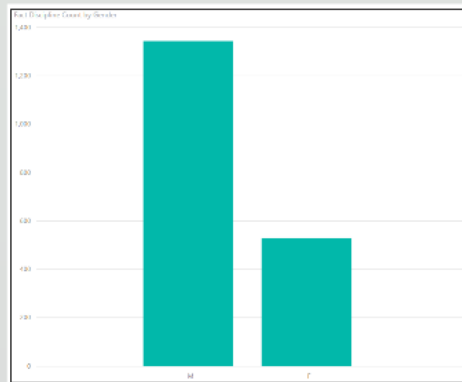


Each Subject and Test Score Count

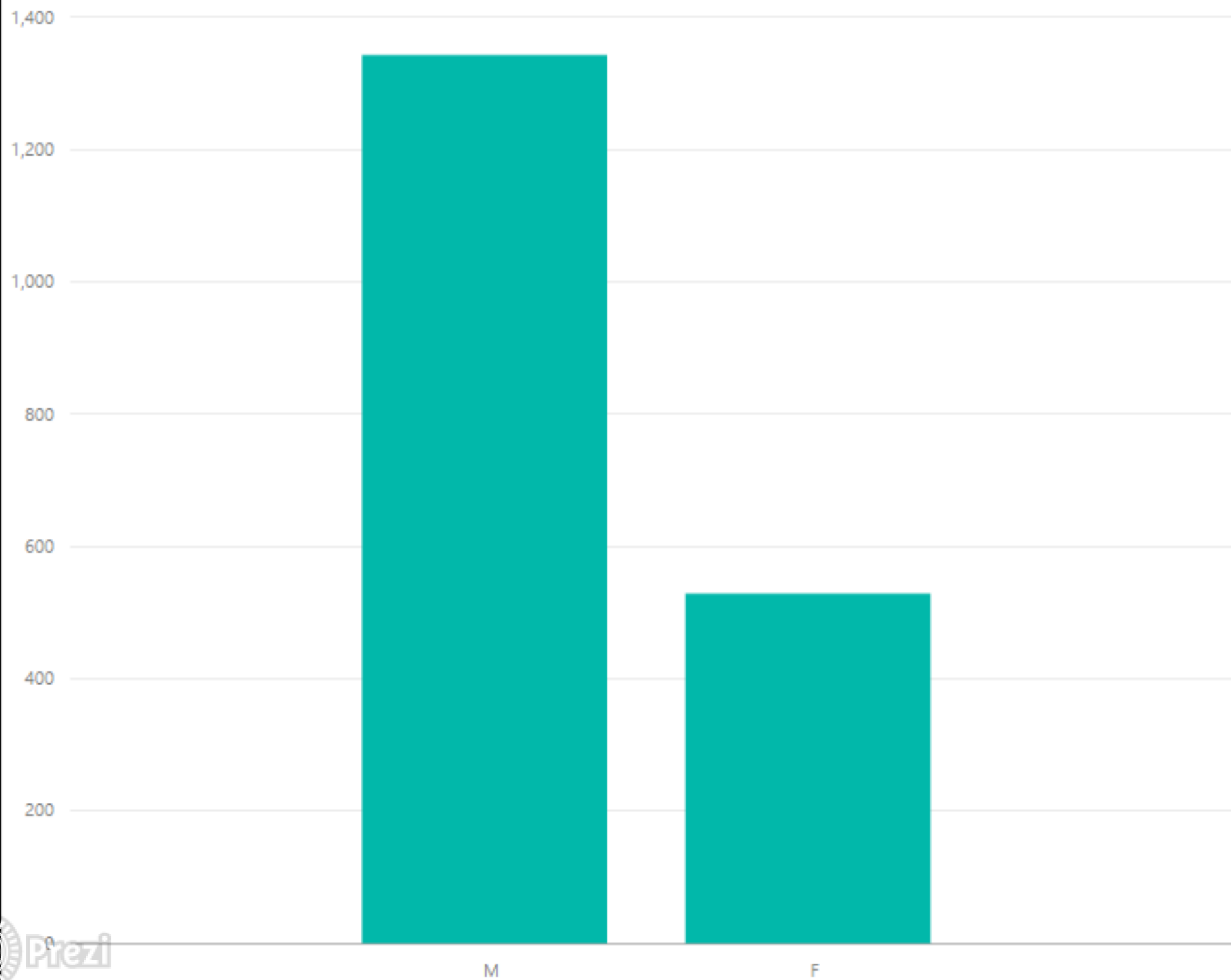
Dim Subject.Subject Name English Math Reading Science Social Studies



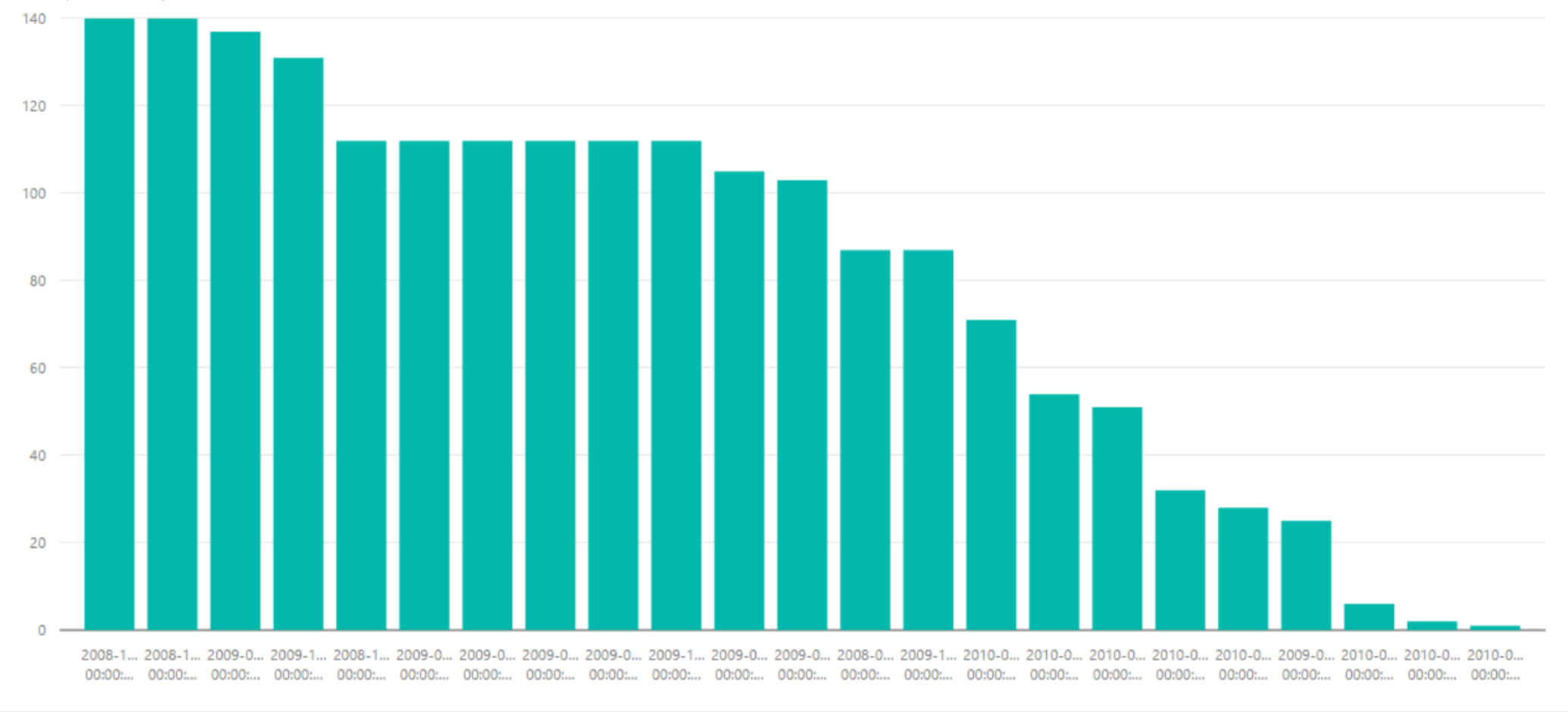
Disciplinary Behavior



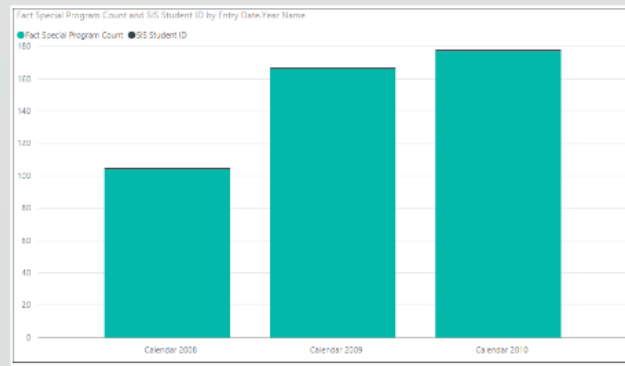
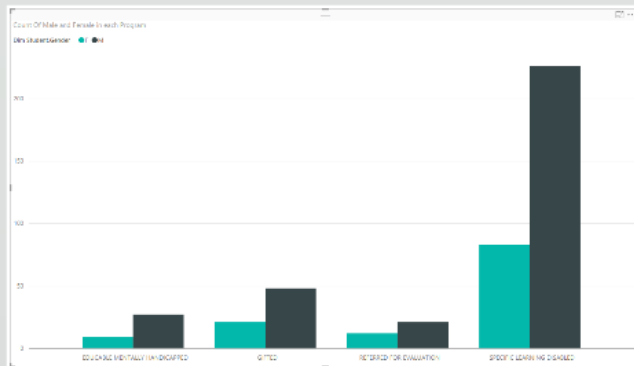
Fact Discipline Count by Gender



Fact Discipline Count by Month

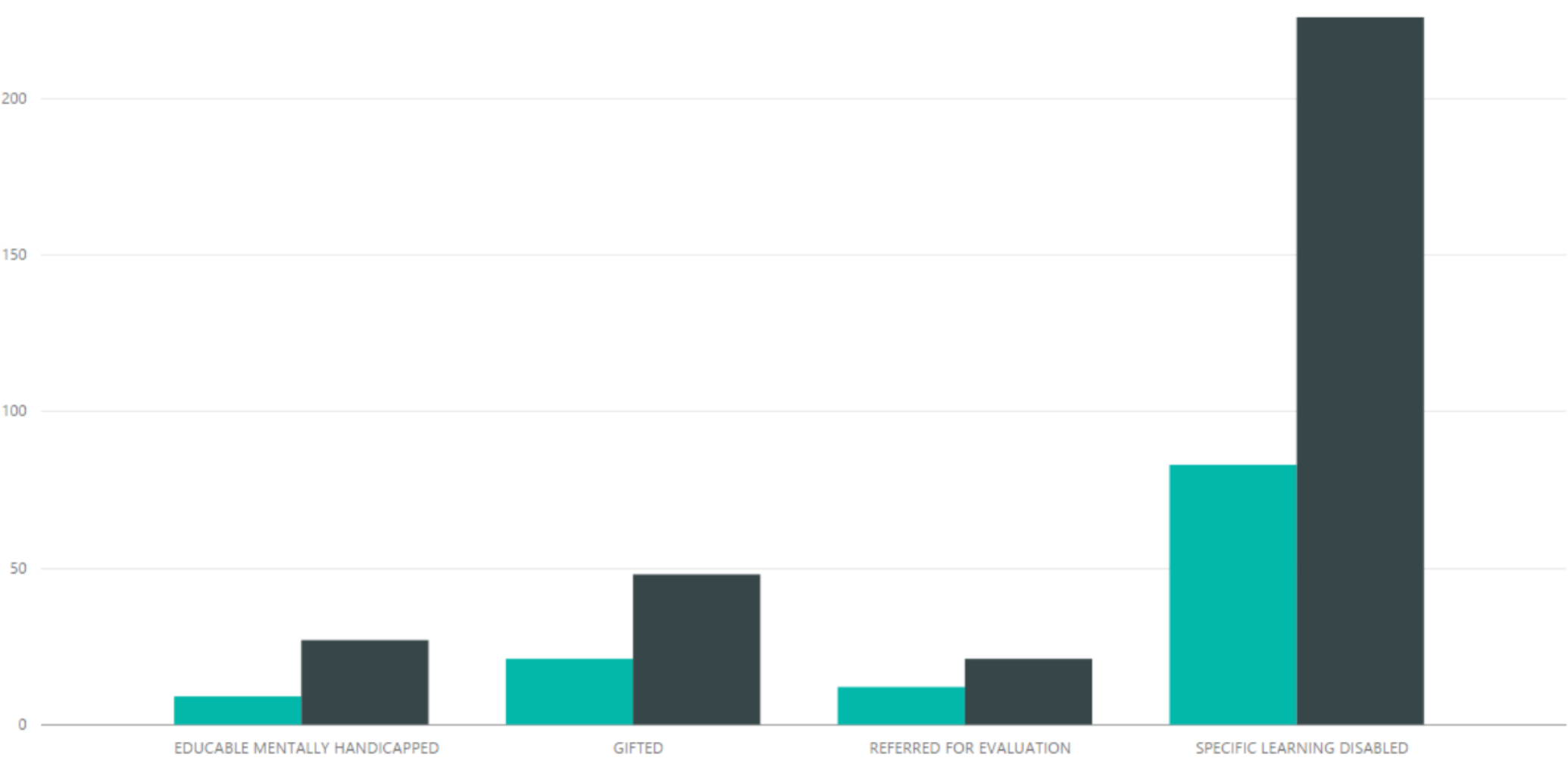


Special Programs



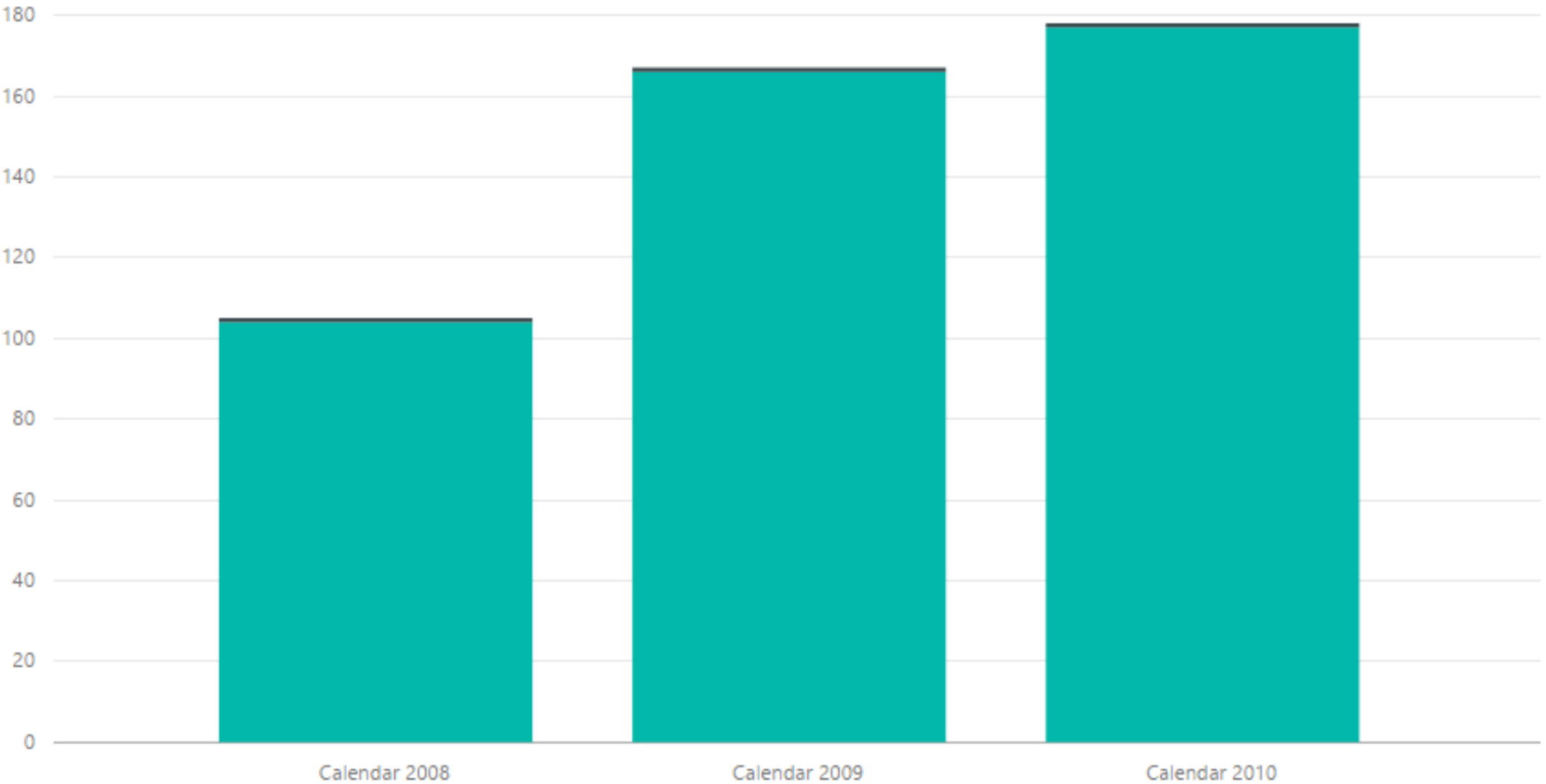
Count Of Male and Female in each Program

Dim Student.Gender F M



Fact Special Program Count and SIS Student ID by Entry Date.Year Name

● Fact Special Program Count ● SIS Student ID



Thank You!

Sheril LNU

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Bhavya Vasireddy