**Query**

results = sqlContext.read.format('com.databricks.spark.csv').options(header='true', inferSchema='true').load('/FileStore/tables/5cj2w3291464322259233/Scorecard\_Project.csv')

//Loading the data into rdd from the Databricks file system(DBFS)

Query 1 – results = sqlContext.sql('SELECT INSTNM, mn\_earn\_wne\_p10, STABBR FROM Scorecard\_Project order by (mn\_earn\_wne\_p10) desc')

// Mean Earnings

Mean (mn\_earn\_wne\_p\*) earnings are for the institutional aggregate of all federally aided students who enroll in an institution each year and who are employed but not enrolled.

(mn\_earn\_wne\_p10) – Mean earnings for 10 years

(INSTNM) – Name of the College

Query 2 - results = sqlContext.sql('SELECT INSTNM, NPT4\_PUB, Year, STABBR, CITY FROM Scorecard\_Project where City = "Los Angeles" or City = "New York" order by LENGTH(NPT4\_PUB) desc')

//Average Net Price

There are several elements in the Avg Net Price that are derived from the full cost of attendance (including tuition and fees, books and supplies, and living expenses) minus federal, state, and institutional aid, for undergraduate student. NPT4\_PUB

(NPT4\_PUB) – Average Net Price for Public Colleges

(INSTNM) – Name of the College

(CITY) – City of the College

Query 3 - results = sqlContext.sql('SELECT INSTNM, SATVR75, SATWR75, SATMT75, mn\_earn\_wne\_p10, CITY FROM Scorecard\_Project where SATMT75>500 order by SATMT75 desc, SATVR75 desc, SATWR75')

// SAT Scores – Verbal Math x College x Mean Earnings

Test scores of enrolled students are not reported for all institutions, but may help students to find a school that is a good academic match. The query includes 75th percentiles of SAT reading (SATVR75), math (SATMT75);

SAT Verbal (SATVR75) – SAT VERBAL.

SAT Math (SATMT75) – SAT Math.

(INSTNM) – Name of the College

Query 4 - results = sqlContext.sql('SELECT INSTNM, CITY, STABBR, UGDS, PCTPELL FROM Scorecard\_Project where UGDS>1000 order by PCTPELL desc')

// This element (PCTPELL), shows the share of undergraduate students who received Pell Grants in a given year. This is an important measure of the access a school provides to low-income students.

(PCTPELL) – Percent of UG Receiving Federal Loans.

(INSTNM) – Name of the College