CREATE CONSTRAINT ON (n:Student)ASSERT n.student\_id is UNIQUE;

CREATE CONSTRAINT ON (n:Race)ASSERT n.group is UNIQUE;

CREATE CONSTRAINT ON (n:PrentalLevelOfEducation) ASSERT n.degree is UNIQUE;

CREATE CONSTRAINT ON (n:ReadingGroup) ASSERT n.group is UNIQUE;

CREATE CONSTRAINT ON (n: MathGroup) ASSERT n.group is UNIQUE;

CREATE CONSTRAINT ON (n: WritingGroup) ASSERT n.group is UNIQUE;

LOAD CSV WITH HEADERS FROM'file:///StudentsPerformance.csv'AS row

CREATE(s:Student{student\_id:row.student\_id,

gender:row.gender,

lunch:row.lunch,

test\_preparation\_course:row. test\_preparation\_course

});

LOAD CSV WITH HEADERS FROM'file:///StudentsPerformance.csv'AS row

MATCH(i:Student{ student\_id:row.student\_id })

MERGE(m:Race{group:row.race})

MERGE(i)-[:BELONG]- >(m)

LOAD CSV WITH HEADERS FROM'file:///StudentsPerformance.csv'AS row

MATCH(i:Student{ student\_id:row.student\_id })

MERGE(m: PrentalLevelOfEducation{degree:row.parental\_level\_of\_education})

MERGE(i)-[:HAS]- >(m)

LOAD CSV WITH HEADERS FROM'file:///StudentsPerformance.csv'AS row

MATCH(i:Student{ student\_id:row.student\_id })

MERGE(m:ReadingGroup{group:row.reading\_pass})

MERGE(i)-[:HAS\_READING\_GRADE{reading\_score:row.reading\_score}]- >(m)

LOAD CSV WITH HEADERS FROM'file:///StudentsPerformance.csv'AS row

MATCH(i:Student{ student\_id:row.student\_id })

MERGE(m:MathGroup{group:row.math\_pass})

MERGE(i)-[:HAS\_MATH\_GRADE{math\_score:row.math\_score}]- >(m)

LOAD CSV WITH HEADERS FROM'file:///StudentsPerformance.csv'AS row

MATCH(i:Student{ student\_id:row.student\_id })

MERGE(m:WritingGroup{group:row.writing\_pass})

MERGE(i)-[:HAS\_WRITING\_GRADE{writing\_score:row.writing\_score}]- >(m)