Star Schema Assignment

University Scenario

6/11/2015

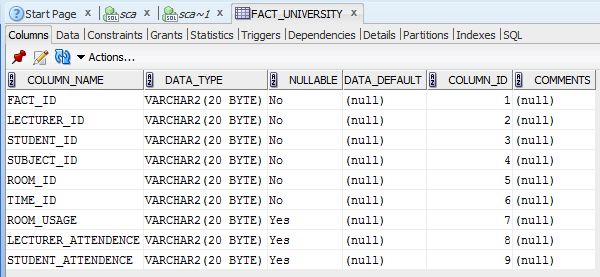
CPUT

Shannon Scholtz

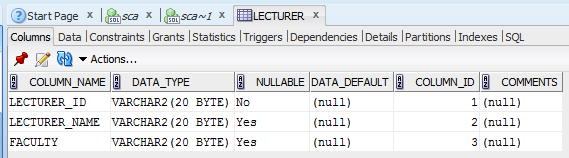
Student Number: 212125583

**Database Fields of University Scenario Star Schema:**

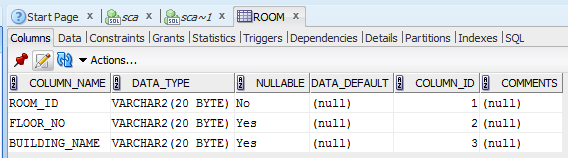
**FACT Table: Fact University**



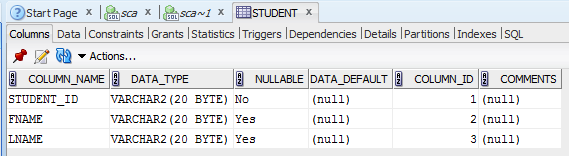
**Lecturer Table: Lecturer**



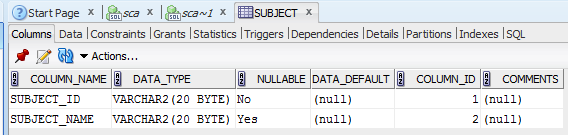
**Room Table: Room**



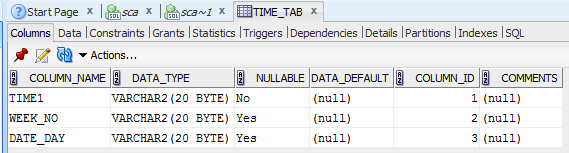
**Student table: Student**

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**Subject Table: Subject**

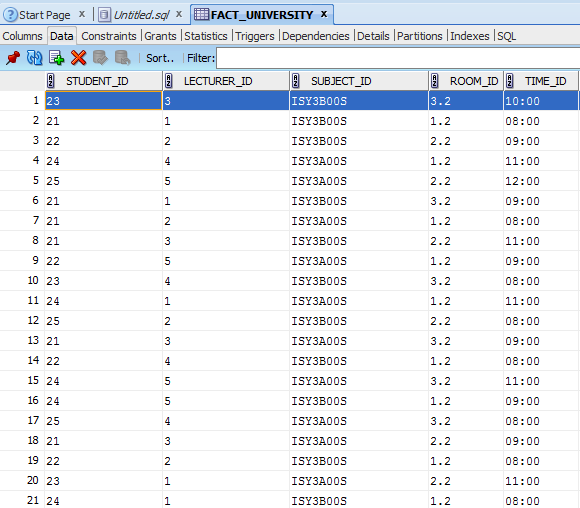
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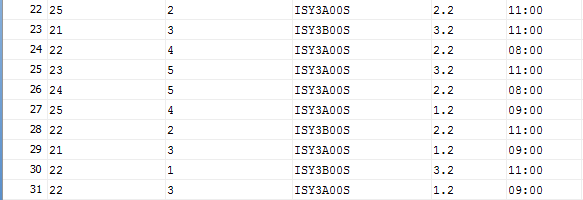
**Time Table: Time\_tab**



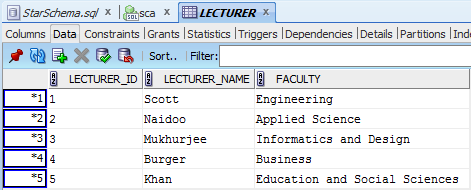
**Test Data:**

**Fact\_University**

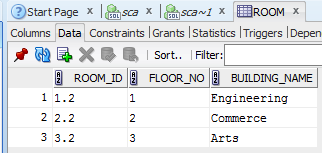
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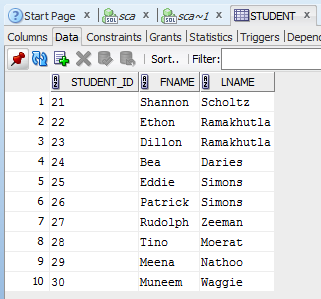
**Lecturer Table: Lecturer**

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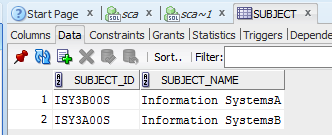
**Room Table: Room**

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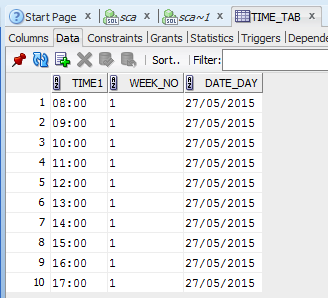
**Student table: Student**

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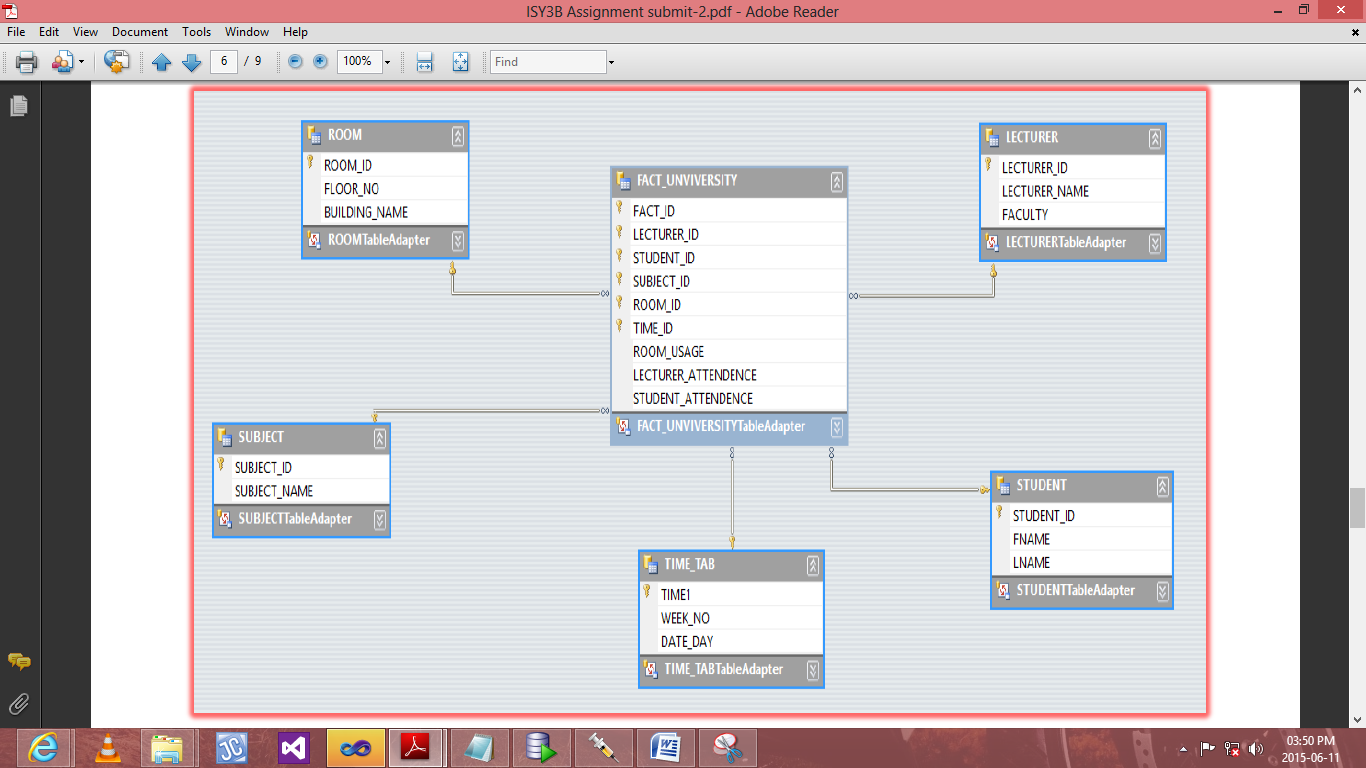
**Subject Table: Subject**

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**Time Table: Time\_tab**

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**Star Schema:**

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**Reports:**

**Percentage of room usage**

**Room ID: 1.2**

**Lecturer ID: 1**

**Lecturer ID: 4**

**Lecturer ID: 2**

**Lecturer ID: 5**

**Lecturer ID: 1**

**Lecturer ID: 4**

**Lecturer ID: 5**

**Lecturer ID: 2**

**Lecturer ID: 1**

**Lecturer ID: 4**

**Lecturer ID: 3**

**Lecturer ID: 3**

**Percentage:38%**

**Room ID: 2.2**

**Lecturer ID: 2**

**Lecturer ID: 5**

**Lecturer ID: 3**

**Lecturer ID: 2**

**Lecturer ID: 3**

**Lecturer ID: 1**

**Lecturer ID: 2**

**Lecturer ID: 4**

**Lecturer ID: 5**

**Lecturer ID: 2**

**Percentage: 32%**

**Room ID: 3.2**

**Lecturer ID: 3**

**Lecturer ID: 1**

**Lecturer ID: 4**

**Lecturer ID: 3**

**Lecturer ID: 5**

**Lecturer ID: 4**

**Lecturer ID: 3**

**Lecturer ID: 5**

**Lecturer ID: 1**

**Percentage: 29%**

**Total Number Of Classes Timetabled For The Semester**

**ISY3A00S =17**

**ISY3B00S =14**

**Percentage Of Attendance Of Students**

**ISY3A00S= 54%**

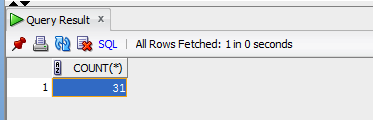
**ISY3B00S= 45%**

**Percentage Of Attendance Of Lecturers**

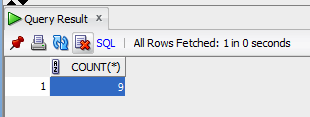
**ISY3A00S=54%**

**ISY3B00S=45%**

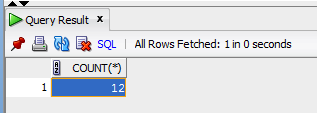
**Total Number Of Times The Room Has Been Used:**

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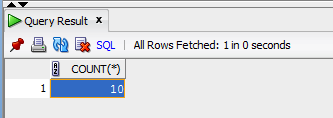
**Students And Lectures Make Use of Room 3.2**



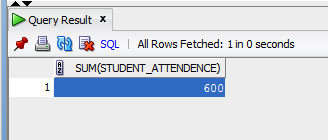
**Students And Lectures Make Use Room 1.2**



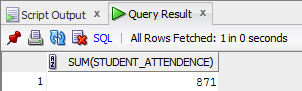
**Students And Lectures Make Use Room 2.2**



**Number Of Times All Students Attended ISY3B00S Over The Semester**



**Number Of Times All Students Attended ISY3A00S Over The Semester**

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