Exploratory Data Analysis using SQL

Latest Submission Grade 100%

1. Which of the following will retrieve the most recent date from the spacex table? **1 / 1 point**

- ○ SELECT DATE FROM SPACEXTBL WHERE DATE=MAX(DATE)
- ○ SELECT HIGHEST(Date) from SPACEXTBL
- ◉ SELECT max(Date) from SPACEXTBL
- ○ SELECT MAXIMUM(Date) from SPACEXTBL

✓ **Correct**

2. Which of the following queries display the minimum payload mass? **1 / 1 point**

- ◉ select min(payload_mass__kg_) from SPACEXTBL
- ○ select payload_mass__kg_ from SPACEXTBL order by payload_mass__kg_ desc LIMIT 1
- ○ select payload_mass__kg_ from SPACEXTBL where payload_mass__kg_=(select max(payload_mass__kg_) from SPACEXTBL) LIMIT 1
- ○ select payload_mass__kg_ from SPACEXTBL
  order by payload_mass__kg_
  group by booster_version LIMIT 1

✓ **Correct**

3. You are writing a query that will give you the total payload_mass_kg carried by the booster versions. The mass should be stored in the mass column. You want the result column to be called “Total_Payload_Mass”. Which of the following SQL queries is correct? **1 / 1 point**

- ○ SELECT sum(PAYLOAD_MASS__KG_) from SPACEXTBL
- ◉ SELECT sum(PAYLOAD_MASS__KG_) as Total_Payload_Mass from SPACEXTBL
- ○ SELECT count(PAYLOAD_MASS__KG_) as Total_Payload_Mass from SPACEXTBL

✓ **Correct**

4. Which of the following query to display 5 records launched on Friday? **1 / 1 point**

- ◉ SELECT * FROM SPACEXTBL where DAYNAME(DATE)='Friday' LIMIT 5
- ○ SELECT * FROM SPACEXTBL where DAY(DATE)='Friday' LIMIT 5

✓ **Correct**

5. What are the unique launch sites mentioned in the Spacex table? **1 / 1 point**

- ○ None of the Above
- ◉ CCAFS LC-40,KSC LC-39A
- ○ CCAS LC-40,KSC LC-39A
- ○ CCAFS LC-40,KSC LC-39B

✓ **Correct**