SQL QUERIES

1. Total number of significant volcano eruptions since 4360 BC

SELECT COUNT(\*) AS Number\_Of\_Eruptions

FROM Significant\_Volcano\_Eruptions

A screenshot of a computer

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1. Total number of deaths since 4360 BC

SELECT SUM(TOTAL\_DEATHS) AS Total\_Deaths

FROM Significant\_Volcano\_Eruptions

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1. Volcano Type (% of Total) since 4360 BC

SELECT Eruption\_Type,COUNT(Eruption\_Type) \*100\*1.0 / (SELECT COUNT(Eruption\_Type) FROM Significant\_Volcano\_Eruptions) AS "% OF TOTAL"

FROM Significant\_Volcano\_Eruptions

GROUP BY Eruption\_Type

ORDER BY "% OF TOTAL" DESC

A table with numbers and letters

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1. Volcano Type (% of Total) since 2000

SELECT Eruption\_Type,COUNT(Eruption\_Type) \*100\*1.0 / (SELECT COUNT(Eruption\_Type) FROM Significant\_Volcano\_Eruptions WHERE Year >= 2000) AS "% OF TOTAL"

FROM Significant\_Volcano\_Eruptions

WHERE Year >= 2000

GROUP BY Eruption\_Type

ORDER BY "% OF TOTAL" DESC

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1. Top 10 Countries with the largest number of significant volcano eruptions

SELECT TOP 10 Country, COUNT(Country) AS Total

FROM Significant\_Volcano\_Eruptions

GROUP BY Country

ORDER BY Total DESC, Country

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1. Top 10 Highest Volcanos

SELECT DISTINCT TOP 10 "Name", Elevation

FROM Significant\_Volcano\_Eruptions

ORDER BY Elevation DESC

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1. Top 10 Lowest Volcanos

SELECT DISTINCT TOP 10 "Name", Elevation

FROM Significant\_Volcano\_Eruptions

ORDER BY Elevation ASC

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1. Top 10 Deathliest Volcanos

SELECT TOP 10 "Name",SUM(TOTAL\_DEATHS) AS "Total Deaths"

FROM Significant\_Volcano\_Eruptions

GROUP BY "Name"

ORDER BY "Total Deaths" DESC, "Name"

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