Heart Attack & Prediction Analysis(SQL)

SELECT \* FROM `newproject-377218.Heart\_Attack\_Analysis.Heart\_attack`;

SELECT

  SEX,

  COUNT(SEX) as count\_of\_sex,

  (COUNT(SEX) / SUM(COUNT(SEX)) OVER ()) \* 100 AS percentage\_distribution

FROM

  `newproject-377218.Heart\_Attack\_Analysis.Heart\_attack`

GROUP BY

  SEX

ORDER BY

  count\_of\_sex DESC;

SELECT

  Chest\_Pain,

  COUNT(Chest\_Pain) as count\_of\_chest\_pain

FROM

  `newproject-377218.Heart\_Attack\_Analysis.Heart\_attack`

GROUP BY

  Chest\_Pain

ORDER BY

  count\_of\_chest\_pain DESC;

SELECT

  Fasting\_Blood\_Sugar,

  COUNT(Fasting\_Blood\_Sugar) as count\_of\_fasting\_blood\_sugar,

  (COUNT(Fasting\_Blood\_Sugar) / SUM(COUNT(Fasting\_Blood\_Sugar)) OVER ()) \* 100 AS percentage\_distribution

FROM

  `newproject-377218.Heart\_Attack\_Analysis.Heart\_attack`

GROUP BY

  Fasting\_Blood\_Sugar

ORDER BY

  count\_of\_fasting\_blood\_sugar DESC;

SELECT

  Resting\_Electrocardiographic\_Results,

  COUNT(Resting\_Electrocardiographic\_Results) as count\_of\_RER

FROM

  `newproject-377218.Heart\_Attack\_Analysis.Heart\_attack`

GROUP BY

  Resting\_Electrocardiographic\_Results

ORDER BY

  count\_of\_RER DESC;

SELECT

  exercise\_induced\_angina,

  COUNT(exercise\_induced\_angina) as count\_of\_EIA,

  (COUNT(exercise\_induced\_angina) / SUM(COUNT(exercise\_induced\_angina)) OVER ()) \* 100 AS percentage\_distribution

FROM

  `newproject-377218.Heart\_Attack\_Analysis.Heart\_attack`

GROUP BY

  exercise\_induced\_angina

ORDER BY

  count\_of\_EIA DESC;

SELECT

  Slope,

  COUNT(Slope) as count\_of\_slope

FROM

  `newproject-377218.Heart\_Attack\_Analysis.Heart\_attack`

GROUP BY

  Slope

ORDER BY

  count\_of\_slope DESC;

SELECT

  caa,

  COUNT(caa) as count\_of\_caa,

  (COUNT(caa) / SUM(COUNT(caa)) OVER ()) \* 100 AS percentage\_distribution

FROM

  `newproject-377218.Heart\_Attack\_Analysis.Heart\_attack`

GROUP BY

  caa

ORDER BY

  count\_of\_caa DESC;

SELECT

  Thalassemia,

  COUNT(Thalassemia) as count\_of\_thalassemia

FROM

  `newproject-377218.Heart\_Attack\_Analysis.Heart\_attack`

GROUP BY

  Thalassemia

ORDER BY

  count\_of\_thalassemia DESC;

SELECT

  Target,

  COUNT(Target) as count\_of\_target,

  (COUNT(Target) / SUM(COUNT(Target)) OVER ()) \* 100 AS percentage\_distribution

FROM

  `newproject-377218.Heart\_Attack\_Analysis.Heart\_attack`

GROUP BY

  Target

ORDER BY

  count\_of\_target DESC;

SELECT

  age,

  COUNT(SEX) as count\_of\_sex

FROM

  `newproject-377218.Heart\_Attack\_Analysis.Heart\_attack`

WHERE

  SEX = 'Male'

GROUP BY

  age

ORDER BY

  count\_of\_sex DESC;

SELECT

  age,

  COUNT(SEX) as count\_of\_sex

FROM

  `newproject-377218.Heart\_Attack\_Analysis.Heart\_attack`

WHERE

  SEX = 'Female'

GROUP BY

  age

ORDER BY

  count\_of\_sex DESC;

SELECT

  trtbps,

  COUNT(trtbps) as count\_of\_trtbps

FROM

  `newproject-377218.Heart\_Attack\_Analysis.Heart\_attack`

GROUP BY

  trtbps

ORDER BY

  count\_of\_trtbps DESC;

SELECT

  SEX,

  Chest\_Pain,

  COUNT(SEX) as count\_of\_sex

FROM

  `newproject-377218.Heart\_Attack\_Analysis.Heart\_attack`

GROUP BY

  SEX,

  Chest\_pain

ORDER BY

  count\_of\_sex DESC;

SELECT

  SEX,

  Fasting\_Blood\_Sugar,

  COUNT(SEX) as count\_of\_sex

FROM

  `newproject-377218.Heart\_Attack\_Analysis.Heart\_attack`

GROUP BY

  SEX,

  Fasting\_Blood\_Sugar

ORDER BY

  count\_of\_sex DESC;

SELECT

  SEX,

  Resting\_Electrocardiographic\_Results,

  COUNT(SEX) as count\_of\_sex

FROM

  `newproject-377218.Heart\_Attack\_Analysis.Heart\_attack`

GROUP BY

  SEX,

  Resting\_Electrocardiographic\_Results

ORDER BY

  count\_of\_sex DESC;

SELECT

  SEX,

  exercise\_induced\_angina,

  COUNT(SEX) as count\_of\_sex

FROM

  `newproject-377218.Heart\_Attack\_Analysis.Heart\_attack`

GROUP BY

  SEX,

  exercise\_induced\_angina

ORDER BY

  count\_of\_sex DESC;

SELECT

  SEX,

  Slope,

  COUNT(SEX) as count\_of\_sex

FROM

  `newproject-377218.Heart\_Attack\_Analysis.Heart\_attack`

GROUP BY

  SEX,

  Slope

ORDER BY

  count\_of\_sex DESC;

SELECT

  SEX,

  Thalassemia,

  COUNT(SEX) as count\_of\_sex

FROM

  `newproject-377218.Heart\_Attack\_Analysis.Heart\_attack`

GROUP BY

  SEX,

  Thalassemia

ORDER BY

  count\_of\_sex DESC;

SELECT

  SEX,

  Target,

  COUNT(SEX) as count\_of\_sex

FROM

  `newproject-377218.Heart\_Attack\_Analysis.Heart\_attack`

GROUP BY

  SEX,

  Target

ORDER BY

  count\_of\_sex DESC;