Data Processing in MY SQL

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| **Total Sales**  SELECT  SUM(Amount) as Total\_Sales  FROM sales; | **Result:** |
| **Total Boxes Sold**  SELECT  SUM(Boxes) as Total\_Boxes\_Sold  FROM sales; | **Result:** |
| **Top Selling Country**  SELECT  g.geo,  sum(s.Amount) AS Total\_Sales  FROM sales AS s  JOIN geo AS g  ON g.GeoID = s.GeoID  GROUP BY 1  ORDER BY 2 DESC  LIMIT 1; | **Result:** |
| **Sales By Category**  SELECT  p.Category,  SUM(s.Amount) AS Total\_Sales  FROM sales AS s  JOIN products AS p  ON p.PID = s.PID  GROUP BY 1  ORDER BY 2 DESC; | **Result:** |
| **Sales By Team**  SELECT  pe.Team,  SUM(s.Amount) AS Total\_Sales  FROM sales AS s  JOIN people AS pe  ON pe.SPID = s.SPID  GROUP BY 1  ORDER BY 2 DESC; | **Result:** |
| **Sales By Country**  SELECT  g.geo,  SUM(s.Amount) AS Total\_sales  FROM sales AS s  JOIN geo AS g  ON g.GeoID = s.GeoID  GROUP BY 1  ORDER BY 2 DESC; | **Result:** |
| **Top 3 Product**  SELECT  p.Product,  SUM(s.Amount) AS Amount  FROM sales AS s  JOIN products AS p  ON s.PID = p.PID  GROUP BY 1  ORDER BY 2 DESC  LIMIT 3; | **Result:** |
| **Sales Contribution by each Product Category**  SELECT  p.Category,  CONCAT(ROUND(sum(s.Amount) /  (select SUM(Amount) From sales) \* 100,2),'%')  as Total\_Sales\_Contribution  FROM sales as s  JOIN products as p  on p.PID = s.PID  GROUP BY 1; | **Result:** |
| **Top 3 Sales Person**  SELECT  pe.Salesperson,  SUM(s.Amount) AS Amount  FROM sales AS s  JOIN people AS pe  ON s.SPID = pe.SPID  GROUP BY 1  ORDER BY 2 DESC  LIMIT 3; | **Result:** |
| **Sales Contribution by each team**  SELECT  pe.Team,  CONCAT(ROUND(sum(s.Amount) /  (select SUM(Amount) From sales) \* 100,2),'%')  as Total\_Sales\_Contribution  FROM sales as s  JOIN people as pe  on pe.SPID = s.SPID  GROUP BY 1; | **Result:** |