

# ASSIGNMENT 2

AHMED ASHRAF LABIB

## 1. Summary of Sales

- Total Sales : \$10,032, 628.85

- Calculation -: SUM of all sales values in column E (=SUM(E:E))

task	result	function
SUM OF TOTAL SALES	10032628.85	"=SUM(E:E)"

- Average Sales : \$3,553.89

Calculation -: Average of all sales values in column E (=AVERAGE(E:E))

AVG OF SALES	3553.889072	"=AVERAGE(E:E)"
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- Minimum Sale : \$482.13

Calculation -: Minimum value in the sales column E (=MIN(E:E))

MIN SALE	482.13	"=MIN(E:E)"
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- Maximum Sale : \$14,082.8

Calculation -: Maximum value in the sales column E (=MAX(E:E))

MAX SALE	14082.8	"=MAX(E:E)"
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## 2. Bonus Definition

- Employee Bonus :

- If an employee's sales in a particular group are greater than the average sales, they will receive a 2.5% bonus. Otherwise, they will receive a 1% bonus.

Formula -: =IF(E8>AVERAGE(E:E),"YOU will get 2.5% bonus", "YOU will get 1% bonus")

DEFINE YOUR BOUNUS	YOU will get 1% bounus	"=IF(E8>AVERAGE(E:E),"YOU will get 2.5% bounus", "YOU will get 1% bounus")"
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## 3. Yearly Sales Breakdown

- Sales in 2003 : \$3,516,979.54

Calculation -: Sum of sales for the year 2003 in column J (=SUMIF(J:J,2003,E:E))

SUM OF SALES IF YEAR =2003	3516979.54	"=SUMIF(J:J,2003,E:E)"
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- Sales in 2004 : \$4,724,162.6

Calculation -: Sum of sales for the year 2004 in column J (=SUMIF(J:J,2004,E:E))

SUM OF SALES IF YEAR =2004	4724162.6	"=SUMIF(J:J,2004,E:E)"
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#### 4. Sales and Shipments by Criteria

- Sales Count in the USA : 1,004

-Calculation -: Count of sales entries where the country is the USA in column U  
(=COUNTIF(U:U,"USA"))

COUNT NUM OF SALING IF COUNTRY ="USA"	1004	"=COUNTIF(U:U,"USA")"
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- Count of Shipped Motorcycles : 324

Calculation -: Count of shipped items categorized as "Motorcycles" based on conditions in columns K, G, and G4 (=COUNTIFS(K:K,K4,G:G,G4))

COUNT NUM OF SHIPPED MOTOCYCLES	324	"=COUNTIFS(K:K,K4,G:G,G4)"
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task	result	fuction
SUM OF TOTAL SALES	10032628.85	"=SUM(E:E)"
AVG OF SALES	3553.889072	"=AVERAGE(E:E)"
MIN SALE	482.13	"=MIN(E:E)"
MAX SALE	14082.8	"=MAX(E:E)"
DEFINE YOUR BOUNUS	YOU will get 1% bounus	"=IF(E8>AVERAGE(E:E), "YOU will get 2.5% bounus", "YOU will get 1% bounus")"
SUM OF SALES IF YEAR =2003	3516979.54	"=SUMIF(J:J,2003,E:E)"
SUM OF SALES IF YEAR =2004	4724162.6	"=SUMIF(J:J,2004,E:E)"
COUNT NUM OF SALING IF COUNTRY ="USA"	1004	"=COUNTIF(U:U,"USA")"
COUNT NUM OF SHIPPED MOTOCYCLES	324	"=COUNTIFS(K:K,K4,G:G,G4)"