

Master Data

Employee ID	Department	Employee	Country	Yearly Sal
ID18	Sales	James Willard	Australia	\$ 60,270.00
ID8	Sales	Robert Spear	Netherlands	\$ 39,627.00
ID24	Sales	Paul Garza	USA	\$ 29,726.00
ID23	Sales	Tommy Lee	USA	\$ 93,668.00
ID13	Sales	Kim West	Netherlands	\$ 134,000.00
ID7	Sales	Stevie Bridge	Netherlands	\$ 34,808.00
ID19	Sales	Paul Wells	USA	\$ 135,000.00
ID22	Sales	Ewan Thompson	USA	\$ 45,000.00
ID5	Sales	Walter Miller	USA	\$ 89,500.00
ID9	Sales	Peter Ramsy	Australia	\$ 21,971.00
ID17	Sales	Wolfgang Ramjac	Australia	\$ 80,000.00
ID10	Sales	Brigitte Bond	USA	\$ 45,117.00
ID21	Sales	Maria Tot	Netherlands	\$ 50,545.00
ID3	Procurement	Natalie Porter	USA	\$ 140,000.00
ID29	Procurement	Andre Cooper	Netherlands	\$ 110,000.00
ID30	Procurement	Robert Musser	USA	\$ 68,357.00
ID14	Procurement	Ann Withers	Australia	\$ 51,800.00
ID16	Procurement	Corinna Schmidt	USA	\$ 97,000.00
ID27	Procurement	Mike Saban	USA	\$ 45,000.00
ID4	Finance	Gary Miller	Australia	\$ 89,500.00
ID12	Finance	Richard Elliot	USA	\$ 35,971.00
ID20	Finance	Roger Mun	Netherlands	\$ 80,000.00
ID28	Finance	Daniel Garrett	USA	\$ 55,117.00
ID25	Finance	Paul Hill	Australia	\$ 58,445.00
ID1	Finance	Crystal Doyle	USA	\$ 120,000.00
ID15	Finance	Betina Bauer	USA	\$ 45,117.00
ID2	Finance	Daniela Schreiber	Netherlands	\$ 50,545.00
ID11	Finance	Dan Ziegler	Australia	\$ 140,000.00
ID26	Finance	Robert Richardson	USA	\$ 90,000.00
ID6	Finance	Robert Blume	Netherlands	\$ 88,357.00
ID31	Finance	Lukas Hofer	USA	\$ 59,200.00
ID32	Finance	Ashley Lee	Australia	\$ 97,000.00
ID33	Finance	Tim Watson	USA	\$ 68,357.00
ID34	Finance	Mercy Mayo	Netherlands	\$ 51,800.00
ID35	Finance	John Baptist	USA	\$ 97,000.00
ID36	Finance	Joseph Vinod	Australia	\$ 45,000.00
ID37	Procurement	Sarah Gavlace	USA	\$ 89,500.00
ID38	Procurement	Hanna Morea	Netherlands	\$ 35,971.00
ID39	Procurement	John Mark	Netherlands	\$ 80,000.00
ID40	Procurement	John Mylas	Australia	\$ 55,117.00
ID41	Sales	Isaac Doantan	USA	\$ 58,445.00
ID42	Sales	Stephen Hughes	USA	\$ 120,000.00

ID43	Procurement	Stephen Hawkings	Netherlands	\$ 45,450.00
ID44	Procurement	Mahitha Nowman	USA	\$ 89,500.00
ID45	Procurement	Charles Paul	Australia	\$ 65,971.00
ID46	Procurement	Sharon Rose	USA	\$ 80,000.00
ID47	Sales	Edward William	Netherlands	\$ 55,117.00
ID48	Sales	Rose Kuntum	Australia	\$ 60,445.00
ID49	Sales	Lenny Karwiz	USA	\$ 83,117.00
ID50	Sales	Ruth Joseph	Australia	\$ 58,445.00
Total				\$ 3,619,876.00



EmployeeID	Bonus %	Employee Name
ID7	27%	Stevie Bridge
ID20	25%	Roger Mun
ID25	25%	Paul Hill
ID26	25%	Robert Richardson
ID21	25%	Maria Tot
ID4	24%	Gary Miller
ID10	24%	Brigitte Bond
ID8	23%	Robert Spear
ID9	23%	Peter Ramsy
ID1	21%	Crystal Doyle
ID11	20%	Dan Ziegler
ID16	19%	Corinna Schmidt
ID29	18%	Andre Cooper
ID27	18%	Mike Saban
ID15	17%	Betina Bauer
ID12	14%	Richard Elliot
ID19	14%	Paul Wells
ID24	10%	Paul Garza
ID3	10%	Natalie Porter
ID14	9%	Ann Withers
ID22	9%	Ewan Thompson
ID13	8%	Kim West
ID5	6%	Walter Miller
ID17	6%	Wolfgang Ramjac
ID31	6%	Lukas Hofer
ID32	15%	Ashley Lee
ID33	15%	Tommy Lee
ID34	19%	Mercy Mayo
ID35	18%	John Baptist
ID36	18%	Joseph Vinod
ID37	21%	Sarah Gavlace
ID38	14%	Hanna Morea
ID39	16%	John Mark
ID40	14%	John Mylas
ID41	22%	Isaac Doantan
ID42	13%	Stephen Hughes
ID43	16%	Stephen Hawkings
ID44	9%	Mahitha Nowman
ID45	10%	Charles Paul
ID46	18%	Sharon Rose
ID47	13%	Edward William
ID48	19%	Rose Kuntum

1

2


3

4

5

6

ID49	20%	Lenny Karwiz
ID50	11%	Ruth Joseph



Statistical Methods - Emp Salary

Average

Median

Mode

Max

Min

Sum

Salries by Department

a.Using Formula

b.Using Pivote Table

a.Top 2 Salaried by Department, Add a Slicer

b.Least 2 Salaried by Deparment

Salaries By Country

a.Top 5 Salaried by Country, Add a Slicer

b.Least 2 Salaried by Country

Create a report with Bonus & Payout (Using XLookUp)

Employee Report with Bonus payout by Country and By Dept

Statistical Methods

#	EMP Salary	
1	Average	\$ 72,397.52
2	Median	\$ 63,208.00
3	Mode	\$ 89,500.00
4	Max	\$ 140,000.00
5	Min	\$ 21,971.00
6	Sum	\$ 3,619,876.00

Outcome should be as below

Statistical Methods

#	EMP Salary		1 Statistical Methods
1	Average	\$ 72,397.52	Average
2	Median	\$ 63,208.00	Median
3	Mode	\$ 89,500.00	Mode
4	Max	\$ 140,000.00	Max
5	Min	\$ 21,971.00	Min
6	Sum	\$ 3,619,876.00	Sum

Salaries By Department (Using Formula)

Department		Sum Of Salaries	
Sales	\$	1,294,801.00	
Procurement	\$	1,053,666.00	
Finance	\$	1,271,409.00	

Outcome should be as below

Salaries By Department (Using Formula)

Department		Sum Of Salaries	
Sales	\$	1,294,801.00	
Procurement	\$	1,053,666.00	
Finance	\$	1,271,409.00	

Salaries By Department (Using Pivot T

Department	Sum of Yearly Sal
Finance	\$ 1,271,409.00
Procurement	\$ 1,053,666.00
Sales	\$ 1,294,801.00

Salaries By Department (Using Pivot

Department	Sum of Yearly Sal
Finance	\$ 1,271,409.00
Procurement	\$ 1,053,666.00
Sales	\$ 1,294,801.00

Top 2 salaried by Department (with Slice

Employee	Salary
Dan Ziegler	\$ 140,000.00
Natalie Porter	\$ 140,000.00

Department
Finance
Procurement
Sales

Output should be like below

Top 2 salaried by Department (with Sli

Employee	Salary
Natalie Porter	\$ 140,000.00
Dan Ziegler	\$ 140,000.00

Department
Finance
Procurement
Sales

Last 2 salaried by Department

Department	(All)
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Employee	Salary
Paul Garza	\$ 29,726.00
Peter Ramsy	\$ 21,971.00

Output should be like below

Last 2 salaried by Department

Employee	Salary
Paul Garza	\$ 29,726.00
Peter Ramsy	\$ 21,971.00

Top 2 Salaries by Country (Apply Slicer)

Employee	Salary
Dan Ziegler	\$ 140,000.00
Natalie Porter	\$ 140,000.00

Country
Australia
Netherlands
USA

Output should be like below

Top 2 Salaries by Country (Apply Slicer)

Employee	Salary
Dan Ziegler	\$ 140,000.00
Natalie Porter	\$ 140,000.00

Country
Australia
Netherlands
USA

Last 2 Salaries by Country

Country	(All)
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Employee	Salary
Paul Garza	\$ 29,726.00
Peter Ramsy	\$ 21,971.00

Output should look like below

Last 2 Salaries by Country

Employee	Salary
Paul Garza	\$ 29,726.00
Peter Ramsy	\$ 21,971.00

Calculate Bonus based on %

Output sh

Employee ID	Department	Employee	Country	Yearly Sal
ID18	Sales	James Willard	Australia	\$ 60,270.00
ID8	Sales	Robert Spear	Netherlands	\$ 39,627.00
ID24	Sales	Paul Garza	USA	\$ 29,726.00
ID23	Sales	Tommy Lee	USA	\$ 93,668.00
ID13	Sales	Kim West	Netherlands	\$ 134,000.00
ID7	Sales	Stevie Bridge	Netherlands	\$ 34,808.00
ID19	Sales	Paul Wells	USA	\$ 135,000.00
ID22	Sales	Ewan Thompson	USA	\$ 45,000.00
ID5	Sales	Walter Miller	USA	\$ 89,500.00
ID9	Sales	Peter Ramsy	Australia	\$ 21,971.00
ID17	Sales	Wolfgang Ramjac	Australia	\$ 80,000.00
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ID29	Procurement	Andre Cooper	Netherlands	\$ 110,000.00
ID30	Procurement	Robert Musser	USA	\$ 68,357.00
ID14	Procurement	Ann Withers	Australia	\$ 51,800.00
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ID27	Procurement	Mike Saban	USA	\$ 45,000.00
ID4	Finance	Gary Miller	Australia	\$ 89,500.00
ID12	Finance	Richard Elliot	USA	\$ 35,971.00
ID20	Finance	Roger Mun	Netherlands	\$ 80,000.00
ID28	Finance	Daniel Garrett	USA	\$ 55,117.00
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ID15	Finance	Betina Bauer	USA	\$ 45,117.00
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ID26	Finance	Robert Richardson	USA	\$ 90,000.00
ID6	Finance	Robert Blume	Netherlands	\$ 88,357.00
ID31	Finance	Lukas Hofer	USA	\$ 59,200.00
ID32	Finance	Ashley Lee	Australia	\$ 97,000.00
ID33	Finance	Tim Watson	USA	\$ 68,357.00
ID34	Finance	Mercy Mayo	Netherlands	\$ 51,800.00
ID35	Finance	John Baptist	USA	\$ 97,000.00
ID36	Finance	Joseph Vinod	Australia	\$ 45,000.00
ID37	Procurement	Sarah Gavlace	USA	\$ 89,500.00
ID38	Procurement	Hanna Morea	Netherlands	\$ 35,971.00
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ID40	Procurement	John Mylas	Australia	\$ 55,117.00
ID41	Sales	Isaac Doantan	USA	\$ 58,445.00
ID42	Sales	Stephen Hughes	USA	\$ 120,000.00
ID43	Procurement	Stephen Hawkings	Netherlands	\$ 45,450.00

ID44	Procurement	Mahitha Nowman	USA	\$	89,500.00
ID45	Procurement	Charles Paul	Australia	\$	65,971.00
ID46	Procurement	Sharon Rose	USA	\$	80,000.00
ID47	Sales	Edward William	Netherlands	\$	55,117.00
ID48	Sales	Rose Kuntum	Australia	\$	60,445.00
ID49	Sales	Lenny Karwiz	USA	\$	83,117.00
ID50	Sales	Ruth Joseph	Australia	\$	58,445.00
Total				\$	3,619,876.00

Bonus %	Bonus \$s
0%	\$ -
23%	\$ 9,114.21
10%	\$ 2,972.60
0%	\$ -
8%	\$ 10,720.00
27%	\$ 9,398.16
14%	\$ 18,900.00
9%	\$ 4,050.00
6%	\$ 5,370.00
23%	\$ 5,053.33
6%	\$ 4,800.00
24%	\$ 10,828.08
25%	\$ 12,636.25
10%	\$ 14,000.00
18%	\$ 19,800.00
0%	\$ -
9%	\$ 4,662.00
19%	\$ 18,430.00
18%	\$ 8,100.00
24%	\$ 21,480.00
14%	\$ 5,035.94
25%	\$ 20,000.00
0%	\$ -
25%	\$ 14,611.25
21%	\$ 25,200.00
17%	\$ 7,669.89
0%	\$ -
20%	\$ 28,000.00
25%	\$ 22,500.00
0%	\$ -
6%	\$ 3,552.00
15%	\$ 14,550.00
15%	\$ 10,253.55
19%	\$ 9,842.00
18%	\$ 17,460.00
18%	\$ 8,100.00
21%	\$ 18,795.00
14%	\$ 5,035.94
16%	\$ 12,800.00
14%	\$ 7,716.38
22%	\$ 12,857.90
13%	\$ 15,600.00
16%	\$ 7,272.00

Calculate Bo	
Note: Use Xlookup to combine	
Employee ID	Department
ID18	Sales
ID8	Sales
ID24	Sales
ID23	Sales
ID13	Sales
ID7	Sales
ID19	Sales
ID22	Sales
ID5	Sales
ID9	Sales
ID17	Sales
ID10	Sales
ID21	Sales

9%	\$	8,055.00
10%	\$	6,597.10
18%	\$	14,400.00
13%	\$	7,165.21
19%	\$	11,484.55
20%	\$	16,623.40
11%	\$	6,428.95

bonus based on %

bonus % to emp table and calculate bonus increase in \$s

Employee	Country	Yearly Sal	Bonus %	Bonus \$s
James Willard	Australia	\$ 60,270.00	0%	\$ -
Robert Spear	Netherlands	\$ 39,627.00	23%	\$ 9,114.21
Paul Garza	USA	\$ 29,726.00	10%	\$ 2,972.60
Robert Marquez	USA	\$ 93,668.00	0%	\$ -
Kim West	Netherlands	\$ 134,000.00	8%	\$ 10,720.00
Stevie Bridge	Netherlands	\$ 34,808.00	27%	\$ 9,398.16
Paul Wells	USA	\$ 135,000.00	14%	\$ 18,900.00
Ewan Thompson	USA	\$ 45,000.00	9%	\$ 4,050.00
Walter Miller	USA	\$ 89,500.00	6%	\$ 5,370.00
Peter Ramsy	Australia	\$ 21,971.00	23%	\$ 5,053.33
Wolfgang Ramjac	Australia	\$ 80,000.00	6%	\$ 4,800.00
Brigitte Bond	USA	\$ 45,117.00	24%	\$ 10,828.08
Maria Tot	Netherlands	\$ 50,545.00	25%	\$ 12,636.25

Employee with bonus

Employee Name	Sum of Bonus \$s
Andre Cooper	\$ 19,800.00
Ann Withers	\$ 4,662.00
Ashley Lee	\$ 14,550.00
Betina Bauer	\$ 7,669.89
Brigitte Bond	\$ 10,828.08
Charles Paul	\$ 6,597.10
Corinna Schmidt	\$ 18,430.00
Crystal Doyle	\$ 25,200.00
Dan Ziegler	\$ 28,000.00
Daniel Garrett	\$ -
Daniela Schreiber	\$ -
Edward William	\$ 7,165.21
Ewan Thompson	\$ 4,050.00
Gary Miller	\$ 21,480.00
Hanna Morea	\$ 5,035.94
Isaac Doantan	\$ 12,857.90
James Willard	\$ -
John Baptist	\$ 17,460.00
John Mark	\$ 12,800.00
John Mylas	\$ 7,716.38
Joseph Vinod	\$ 8,100.00
Kim West	\$ 10,720.00
Lenny Karwiz	\$ 16,623.40
Lukas Hofer	\$ 3,552.00
Mahitha Nowman	\$ 8,055.00
Maria Tot	\$ 12,636.25
Mercy Mayo	\$ 9,842.00
Mike Saban	\$ 8,100.00
Natalie Porter	\$ 14,000.00
Paul Garza	\$ 2,972.60
Paul Hill	\$ 14,611.25
Paul Wells	\$ 18,900.00
Peter Ramsy	\$ 5,053.33
Richard Elliot	\$ 5,035.94
Robert Blume	\$ -
Robert Musser	\$ -
Robert Richardson	\$ 22,500.00
Robert Spear	\$ 9,114.21
Roger Mun	\$ 20,000.00
Rose Kuntum	\$ 11,484.55
Ruth Joseph	\$ 6,428.95
Sarah Gavlace	\$ 18,795.00
Sharon Rose	\$ 14,400.00

Department

Finance

Procurement

Sales

Output should look like



Empl

Andr

Ann

Ashle

Betin

Brigit

Char

Corir

Cryst

Dan

Dani

Dani

Edwa

Ewar

Gary

Hann

Stephen Hawking	\$ 7,272.00
Stephen Hughes	\$ 15,600.00
Stevie Bridge	\$ 9,398.16
Tim Watson	\$ 10,253.55
Tommy Lee	\$ -
Walter Miller	\$ 5,370.00
Wolfgang Ramjac	\$ 4,800.00



Country

Australia

Netherlands

USA

e below.

Employee with bonus

Employee Name	Sum of Bonus \$s
De Cooper	\$ 19,800.00
Withers	\$ 4,662.00
Key Lee	\$ 14,550.00
Anna Bauer	\$ 7,669.89
Patte Bond	\$ 10,828.08
Charles Paul	\$ 6,597.10
Anna Schmidt	\$ 18,430.00
Pat Doyle	\$ 25,200.00
Ziegler	\$ 28,000.00
Del Garrett	\$ -
Debra Schreiber	\$ -
David William	\$ 7,165.21
John Thompson	\$ 4,050.00
Miller	\$ 21,480.00
John Morea	\$ 5,025.00

Country

Australia

Netherlands

USA

Department

Finance

Procurement

Sales