KDD
LAB -2

Utkarsh Bhangale

20200802124

Pivot Table

Aim : To perform Pivot table operation (at least 5) on excel dataset using Google sheet / Microsoft excel to gain analytics on data

Dataset: Warehouse data

Top pivot table:

Row Labels	Bielefeld	Copenhagen	Esbjerg	Gandia	Langen	Leuven	Mumbai	Patna	Pune	Vienna	Villiers-sur-Marne	Bielefeld	Copenhagen	Esbjerg	Gandia	Langen
	Max of Profit											Sum of Sales				
Abbot Horton					2446											8858
Aristotle Barrett					2073											8294
Blair Mccullough							2380									
Dahlia Porter									3162							
Diana Guthrie							2729									
Georgia Kane			1784											8245		
Guinevere Sullivan	2210										9645					
Hedda Livingston					2602											10598
Henry Hodges					2730											9748
Ingrid Barnes						2212										
Kiona Moore											2789					
Lana Adkins										2787						
Lani Bowers										2272						
Neville Ashley								3446								
Quinlan Holcomb						2770										
Raymond Mckenzie		2740											9723			
Ria Foster								2310								
Sopoline Noel									3127							
Stella Dejesus							2706									
Wendy Neal					2141											8721
Zephr Hickman				3432											9308	
Grand Total	2210	2740	1784	3432	2730	2770	2706	3162	3446	3127	2789	9645	9723	8245	9308	46219

Bottom pivot table:

Row Labels	Bielefeld Germany Max of Profit	Bielefeld Germany Sum of Sales	Bielefeld Max of Profit	Bielefeld Sum of Sales	Copenhagen Denmark Max of Profit	Copenhagen Denmark Sum of Sales	Copenhagen Max of Profit	Copenhagen Sum of Sales
⊟ Abbot Horton								
KL-2018-5607034								
⊟ Aristotle Barrett								
KL-2018-5607037								
⊟ Blair Mccullough								
KL-2018-5607049								
⊟ Dahlia Porter								
KL-2018-5607043								
⊟ Diana Guthrie								
KL-2018-5607050								
⊟ Georgia Kane								
KL-2018-5607041								
⊟ Guinevere Sullivan	2210	9645	2210	9645				
KL-2018-5607046	2210	9645	2210	9645				
⊟ Hedda Livingston								
KL-2018-5607035								
⊟ Henry Hodges								
KL-2018-5607036								
⊟ Ingrid Barnes								
KL-2018-5607047								
⊟ Kiona Moore								
KL-2018-5607045								
⊟ Lana Adkins								
KL-2018-5607032								
⊟ Lani Bowers								
KL-2018-5607031								

Screenshot 1 — Excel (PivotTable Tools), "Practice Pivot Table Data.xlsx – Pivot Table"

Active cell: Y24

PivotTable Field List — Choose fields to add to report:
- ☑ Order ID
- ☐ Order Date
- ☑ Customer Name
- ☐ Country
- ☐ State
- ☑ City
- ☐ Region
- ☑ Sales
- ☐ Profit

Column Labels: City
Row Labels: Customer Name, Order ID
Σ Values: Sum of Sales

Sum of Sales	Bielefeld	Copenhagen	Esbjerg	Gandia	Langen	Leuven	Mumbai	Patna	Pune	Vienna	Villiers-sur-Marne	Grand Total
Abbot Horton					8858							8858
KL-2018-5607034					8858							8858
Aristotle Barrett					8294							8294
KL-2018-5607037					8294							8294
Blair Mccullough							8353					8353
KL-2018-5607049							8353					8353
Dahlia Porter								10216				10216
KL-2018-5607043								10216				10216
Diana Guthrie									11264			11264
KL-2018-5607050									11264			11264
Georgia Kane			8245									8245
KL-2018-5607041			8245									8245
Guinevere Sullivan	9645											9645
KL-2018-5607046	9645											9645
Hedda Livingston					10598							10598
KL-2018-5607035					10598							10598
Henry Hodges					9748							9748
KL-2018-5607036					9748							9748
Ingrid Barnes						8544						8544
KL-2018-5607047						8544						8544
Kiona Moore											9898	9898
KL-2018-5607045											9898	9898
Lana Adkins										10119		10119
KL-2018-5607032										10119		10119
Lani Bowers										8881		8881
KL-2018-5607031										8881		8881
Neville Ashley										9800		9800

Screenshot 2 — Excel, "Practice Pivot Table Data.xlsx – Pivot Table"

Active cell: AE13

Column Labels grouped by Region.

Sum of Sales	Austria	Belgium	France	Germany	Central Total	Denmark	North Total	India	Spain	South Total	Grand Total
Central / North / South	Central					North		South			
Abbot Horton				8858	8858						8858
KL-2018-5607034				8858	8858						8858
Aristotle Barrett				8294	8294						8294
KL-2018-5607037				8294	8294						8294
Blair Mccullough								8353		8353	8353
KL-2018-5607049								8353		8353	8353
Dahlia Porter								10216		10216	10216
KL-2018-5607043								10216		10216	10216
Diana Guthrie								11264		11264	11264
KL-2018-5607050								11264		11264	11264
Georgia Kane						8245	8245				8245
KL-2018-5607041						8245	8245				8245
Guinevere Sullivan				9645	9645						9645
KL-2018-5607046				9645	9645						9645
Hedda Livingston				10598	10598						10598
KL-2018-5607035				10598	10598						10598
Henry Hodges				9748	9748						9748
KL-2018-5607036				9748	9748						9748
Ingrid Barnes		8544			8544						8544
KL-2018-5607047		8544			8544						8544
Kiona Moore			9898		9898						9898
KL-2018-5607045			9898		9898						9898
Lana Adkins	10119				10119						10119
KL-2018-5607032	10119				10119						10119