



Northeastern University

College of Engineering

Data management and Database Design (INFO 6210)

Views and Visualization

Team - 20

Team Members

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Visualizations

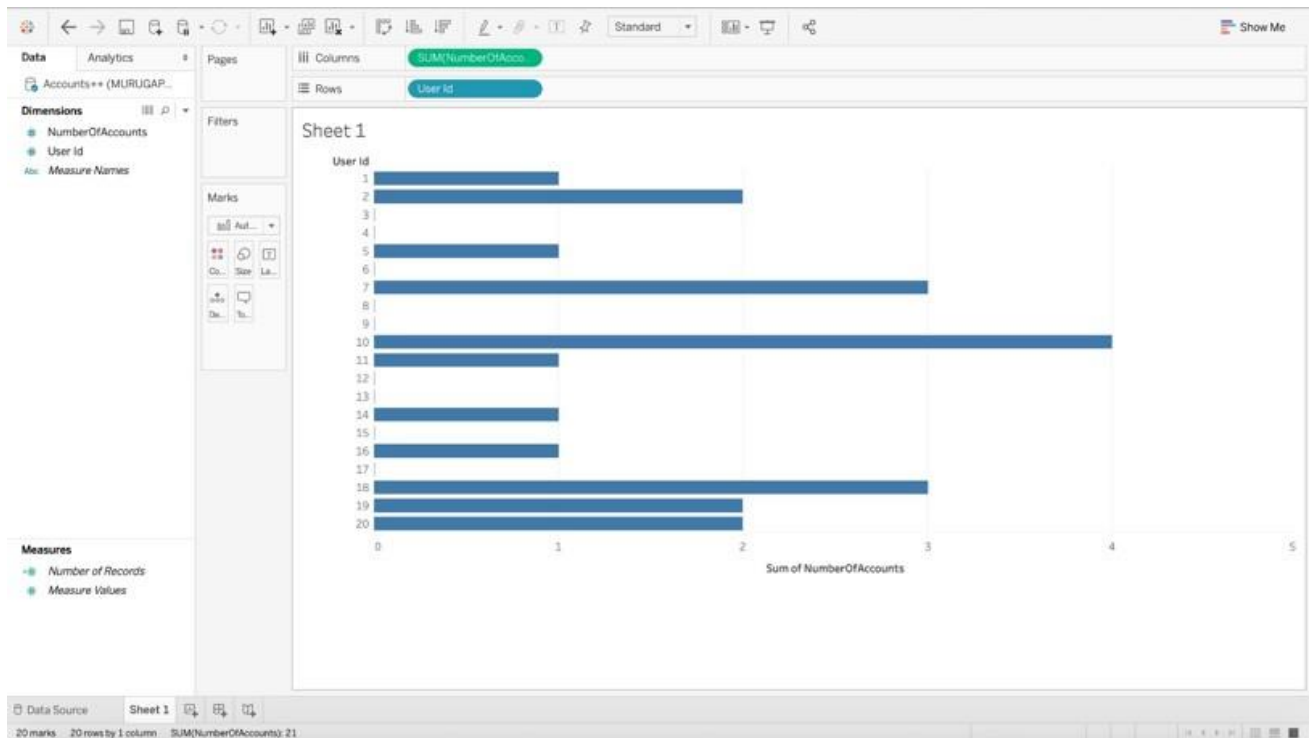


Figure 1 - Report shows number of accounts each user has in the Database. Sum of Number of Accounts is on the X-axis User id is on the Y- Axis

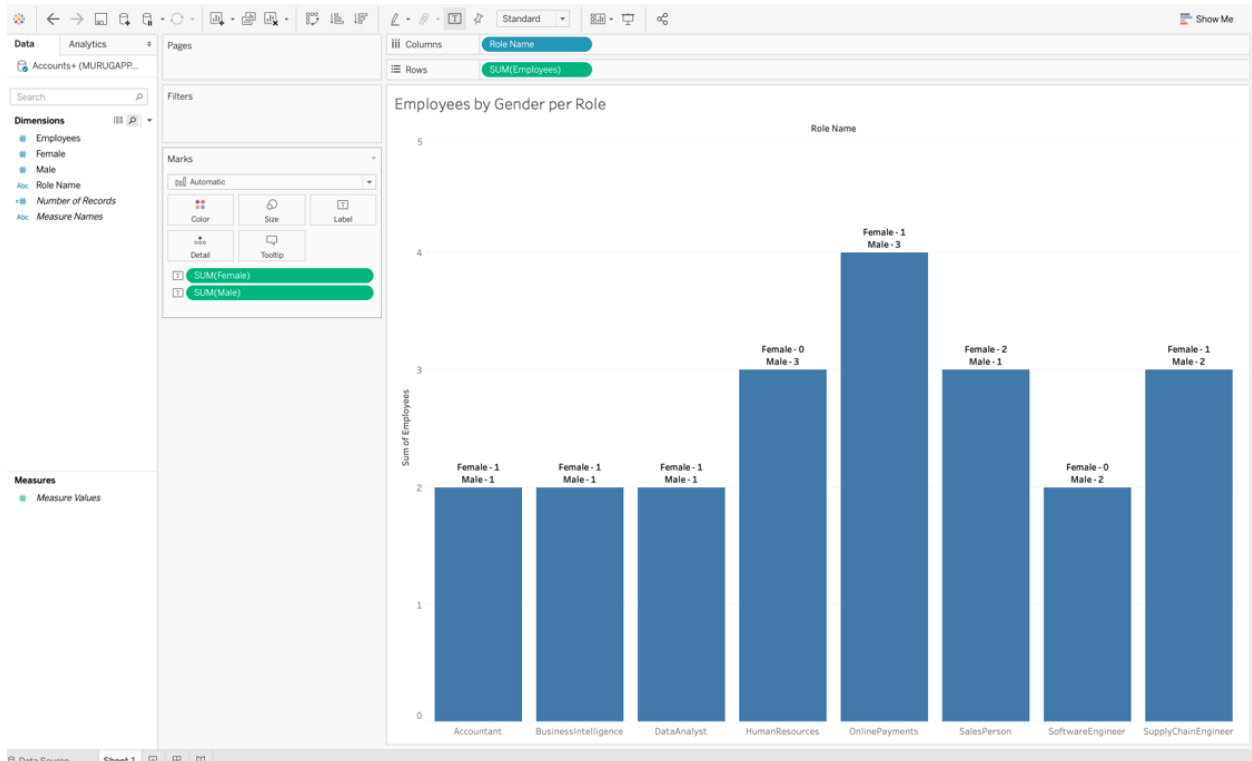


Figure 2 - Report primarily shows number of employees for each role. Role Name on the x-axis Sum of Employees on the Y-axis. Additionally, we can also get the count of male and female employees in each role.

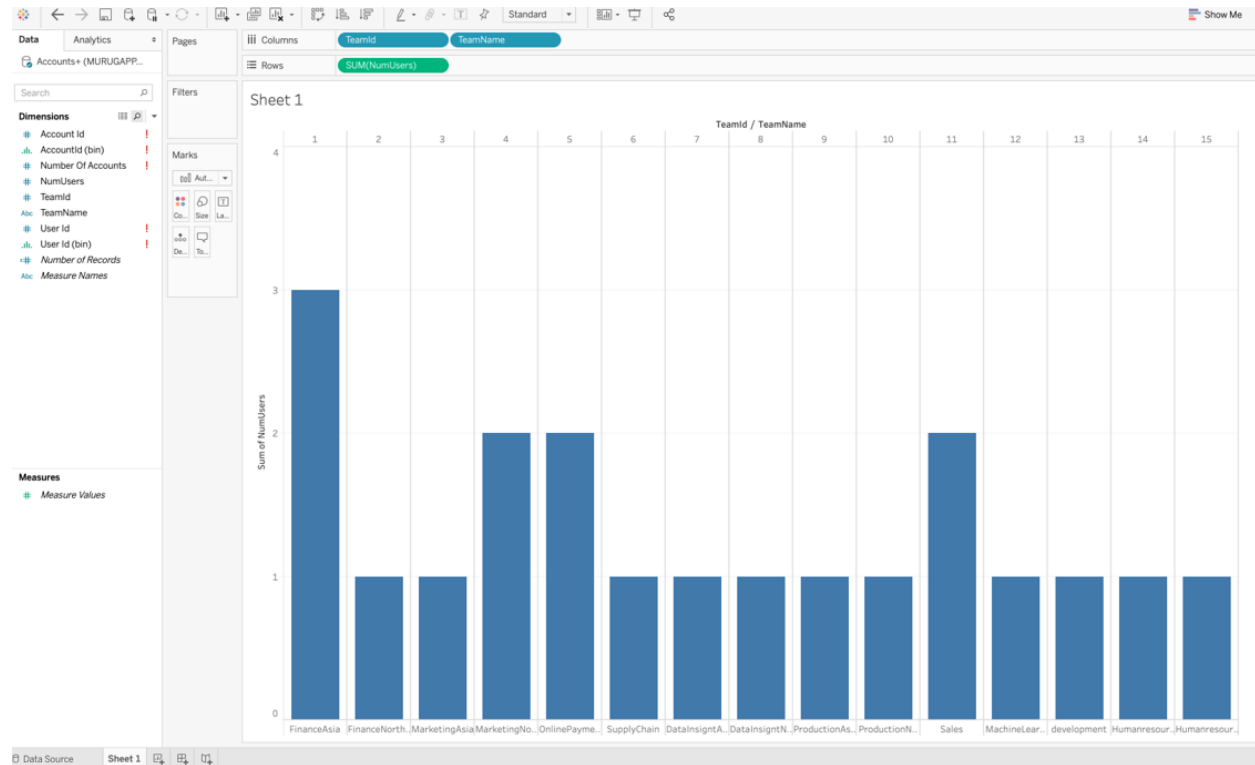


Figure 3 - Report shows number of users/employees each team has. Team Id/Team Name on the x-axis. Sum of Number of Users on the Y-Axis.

Views

V ActiveAccountsWithOutAnyPermission

Properties Data ER Diagram				
V_ActiveAccountsWithOutAnyPermission Enter a SQL expression to filter results (use Ctrl+Space)				
Grid	123 Account_Id	ABC Account_Description	ABC Account_status	ABC Permission_status
1	2	second	Active	Inactive
2	6	sixth	Active	Inactive
3	10	tenth	Active	Inactive
4	13	thirteen	Active	Inactive
5	16	sixteenth	Active	Inactive
6	17	seventeenth	Active	Inactive
7	20	twenty	Active	Inactive
8	3	second	Active	Inactive
9	5	fifth	Active	Inactive
10	5	fifth	Active	Inactive
11	5	fifth	Active	Inactive

V GenderRatioByRole

Properties Data ER Diagram				
V_GenderRatioByRole Enter a SQL expression to filter results (use Ctrl+Space)				
Grid	ABC RoleName	123 Employees	123 Male	123 Female
1	Accountant	2	1	1
2	BusinessIntelligence	2	1	1
3	DataAnalyst	2	1	1
4	HumanResources	3	3	0
5	OnlinePayments	4	3	1
6	SalesPerson	3	1	2
7	SoftwareEngineer	2	2	0
8	SupplyChainEngineer	3	2	1

V_NumAccountsPerUser

Properties Data ER Diagram			
V_NumAccountsPerUser Enter a SQL expression to			
Grid Text		123 UserId	123 NumberOfAccounts
	1	1	1
	2	2	2
	3	3	0
	4	4	0
	5	5	1
	6	6	0
	7	7	3
	8	8	0
	9	9	0
	10	10	4
	11	11	1
	12	12	0
	13	13	0
	14	14	1
	15	15	0
	16	16	1
	17	17	0
	18	18	3
	19	19	2
	20	20	2

V UserAccountPermissions

<div> <div>Properties</div> <div>Data</div> <div>ER Diagram</div> </div>						
<div> <div>V_UserAccountPermissions</div> <div>Enter a SQL expression to filter results (use Ctrl+Space)</div> </div>						
	123 UserId	123 AccountId	abc PermissionType	abc Description	abc Permission_status	
1	2	1	write	write only access	Active	
2	2	2	read	read only access	Inactive	
3	7	3	read	read only access	Active	
4	1	4	write	write only access	Active	
5	5	5	all	full permission	Active	
6	10	6	read	read only access	Inactive	
7	7	7	all	full permission	Active	
8	7	8	read	read only access	Active	
9	18	9	write	write only access	Active	
10	10	10	write	write only access	Inactive	
11	11	11	read	read only access	Active	
12	10	12	read	read only access	Active	
13	10	13	all	full permission	Inactive	
14	14	14	read	read only access	Active	
15	18	15	read	read only access	Active	
16	16	16	all	full permission	Inactive	
17	19	17	write	write only access	Inactive	
18	18	18	read	read only access	Active	
19	19	19	all	full permission	Active	
20	20	20	read	read only access	Inactive	
21	7	3	modify	modify only access	Inactive	
22	7	3	execute	execute only access	Active	
23	7	3	execute	execute only access	Active	
24	5	5	execute	execute only access	Inactive	
25	5	5	execute	execute only access	Inactive	
26	5	5	modify	modify only access	Active	
27	5	5	execute	execute only access	Active	
28	5	5	modify	modify only access	Inactive	

V_UserTeamDetails

Properties Data ER Diagram						
V_UserTeamDetails Enter a SQL expression to filter results (use Ctrl+Space)						
Grid	ABC FName	ABC LName	ABC TeamName	ABC DepartmentName	123 DeskPhone	ABC Email
1	ashwin	Muthiah	FinanceAsia	Finance	1,234,567,898	ashwin@gmail.com
2	Robert	Downey Jr.	FinanceAsia	Finance	1,234,364,898	robert@gmail.com
3	Mark	Ruffalo	FinanceAsia	Finance	1,233,267,898	Ruffalo@gmail.com
4	Mahesh	Naga	FinanceNorthAmerica	Finance	1,234,567,899	Mahesh@gmail.com
5	vijaya	Lakshmi	MarketingAsia	Marketing	1,234,565,898	vj@gmail.com
6	obama	brack	MarketingNorthAmerica	Marketing	1,234,457,898	ob@gmail.com
7	Bran	Stark	MarketingNorthAmerica	Marketing	1,964,367,898	StarkB@gmail.com
8	Scarlett	Johansson	OnlinePayments	OnlinePayments	1,234,123,498	Johansson@gmail.com
9	Davos	Seaworth	OnlinePayments	OnlinePayments	1,234,565,498	SeaworthD@gmail.com
10	sherlock	Homes	SupplyChain	SupplyChain	1,239,567,898	homes@gmail.com
11	Eddard	Stark	DataInsightAsia	DataInsight	1,984,567,898	StarkE@gmail.com
12	Catelyn	Stark	DataInsightNorthAmerica	DataInsight	1,234,567,798	StarkC@gmail.com
13	Cersei	Lannister	ProductionAsia	Production	1,234,567,889	LannisterC@gmail.com
14	Sansa	Stark	ProductionNorthAmerica	Production	1,234,567,888	StarkS@gmail.com
15	Arya	Stark	Sales	Sales	1,234,467,898	StarkA@gmail.com
16	Robert	Baratheon	Sales	Sales	1,234,515,998	BaratheonR@gmail.com
17	Khal	Drogo	MachineLearning	MachineLearning	1,234,568,987	DrogoK@gmail.com
18	Ygritte	snow	development	R&D	1,134,567,898	Ygritte@gmail.com
19	Jeor	Mormont	HumanresourcesAsia	HR	1,324,567,898	Mormont@gmail.com
20	Brienne	Tarth	HumanresourcesNorthAmerica	HR	1,236,647,898	BT@gmail.com