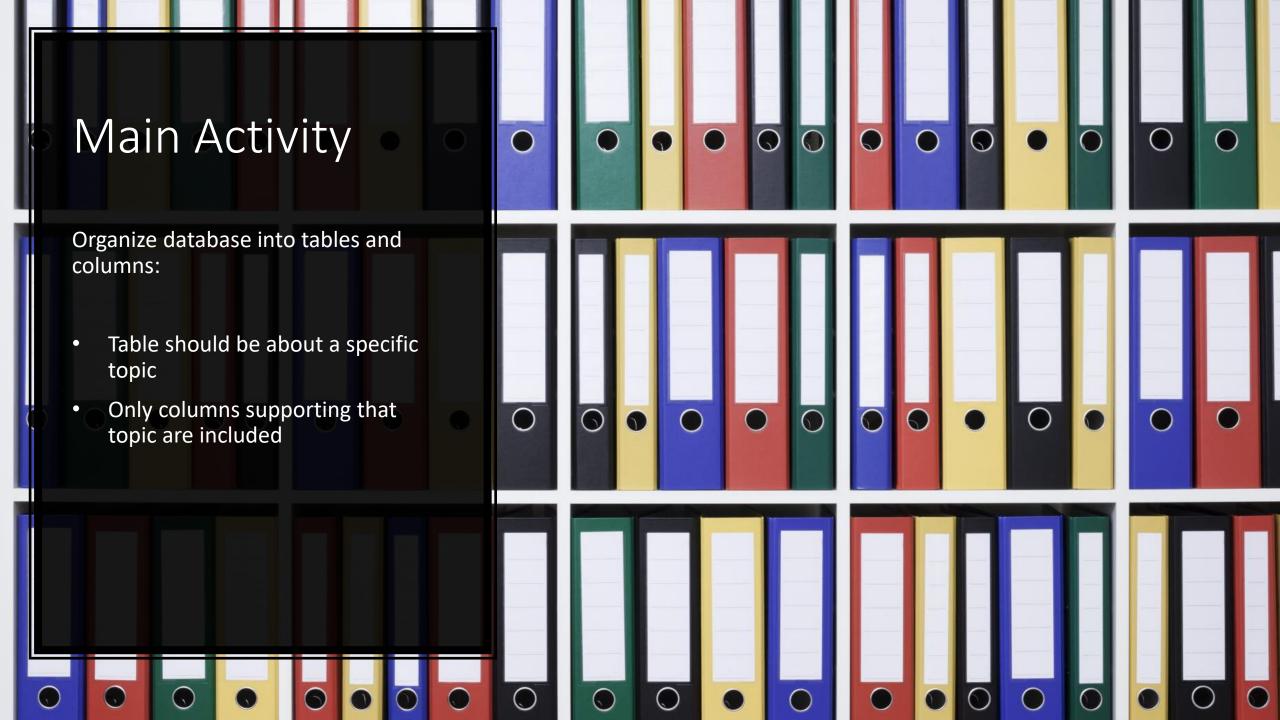
What is Database Normalization?

Database Normalization

- Database Normalization is a process
- It can be very theoretical, but we'll keep it simple
- Once you get to understand it, it becomes second nature
- It's like riding a bike!





SalesStaff							
<u>EmployeeID</u>	SalesPerson	SalesOffice	OfficeNumber	Customer1	Customer2	Customer3	
1003	Mary Smith	Chicago	312-555-1212	Ford	GM		
1004	John Hunt	New York	212-555-1212	Dell	HP	Apple	
1005	Martin Hap	Chicago	312-555-1212	Boeing			

Spreadsheet Scenario

- For example, a spreadsheet containing information about salespeople and customers serves several purposes:
- Identifies salespeople in your organization
- Lists all customers your company calls upon to sell product
- Identifies which salespeople call on specific customers.

SalesStaff							
<u>EmployeeID</u>	SalesPerson	SalesOffice	OfficeNumber	Customer1	Customer2	Customer3	
1003	Mary Smith	Chicago	312-555-1212	Ford	GM		
1004	John Hunt	New York	212-555-1212	Dell	HP	Apple	
1005	Martin Hap	Chicago	312-555-1212	Boeing			

Spreadsheet Scenario

- For example, a spreadsheet containing information about salespeople and customers serves several purposes:
- Identifies salespeople in your organization
- Lists all customers your company calls upon to sell product
- Identifies which salespeople call on specific customers.

What topics can you find?

- For example, a spreadsheet containing information about salespeople and customers serves several purposes:
- Identifies salespeople in your organization
- Lists all customers your company calls upon to sell product
- Identifies which salespeople call on specific customers.

SalesStaff						
<u>EmployeeID</u>	SalesPerson	SalesOffice	OfficeNumber	Customer1	Customer2	Customer3
1003	Mary Smith	Chicago	312-555-1212	Ford	GM	
1004	John Hunt	New York	212-555-1212	Dell	HP	Apple
1005	Martin Hap	Chicago	312-555-1212	Boeing		

Employees Sales Offices Customers

