



E-R DIAGRAM

Assuming a particular location handles only specific category of products & has no overlapping with other locations.



## RELATIONS

### PRODUCT

<u>PRODUCT_CODE</u>	PRODUCT NAME	UNIT PRICE	CATEGORY CODE
[P.K.]			[F.K. CATEGORY]

### CATEGORY

<u>CATEGORY_CODE</u>	CATEGORY_NAME	LOCATION_CODE
[P.K.]		[F.K. LOCATION]

### SALES EXECUTIVE

<u>SALES-EXECUTIVE-ID</u>	FNAME	LNAME	GENDER	DATE OF BORN	GENDER
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MOBILE NUMBER	LOCATION_CODE
	[F.K. LOCATION]

### CUSTOMER

<u>CUSTOMER-ID</u>	FNAME	LNAME	DOB	GENDER	MOBILE-NUMBER	LOCATION_CODE
[P.K.]						[F.K. LOCATION]

### PRODUCT BOUGHT

<u>PRODUCT-ID</u>	<u>CUSTOMER-ID</u>	<u>DATE-OF-PURCHASE</u>	SALES-EXECUTIVE ID	UNIT PRICE
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P.K = PRODUCT-ID + CUSTOMER-ID + DATE-OF-PURCHASE