

Solution

<https://drive.google.com/drive/folders/1o27FE0aeXMmXMOD9lV4bnLaLSy0QR1BF>

Example1:

Sales Order

***Fiction Company
202 N. Main
Mahattan, KS 66502***

CustomerNumber:	<i>1001</i>	Sales Order Number:	<i>405</i>
Customer Name:	<i>ABC Company</i>	Sales Order Date:	<i>2/1/2000</i>
Customer Address:	<i>100 Points Manhattan, KS 66502</i>	Clerk Number:	<i>210</i>
		Clerk Name:	<i>Martin Lawrence</i>

Item Ordered	Description	Quantity	Unit Price	Total
800	widgit small	40	60.00	2,400.00
801	tingimajigger	20	20.00	400.00
805	thingibob	10	100.00	1,000.00
Order Total				3,800.00

Primary Key: Sales Order Number.

Example2:

Unnormalized Table

Dept #	Dept Name	Location	Mgr Name	Mgr ID No.	Tel Extn.	Cust #	Cust Name	Date of Complaint	Nature of Complaint
11232	Soap Division	Cincinnati	Mary Samuel	S11	7711	P10451	Robert Drumtree	12/01/1998	Poor Service
						P10480	Steven Parks	14/01/1998	Discourteous Attendant

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graph TD; D1[Dept #] --> D2[Dept Name]; D1 --> L[Location]; D1 --> M1[Mgr Name]; D1 --> M2[Mgr ID No.]; D1 --> T[Tel Extn.]; D1 --> C1[Cust #]; D1 --> C2[Cust Name]; D2 --> L; D2 --> M1; D2 --> M2; D2 --> T; D2 --> C1; L --> M1; L --> M2; L --> T; L --> C1; M1 --> M2; M1 --> T; M1 --> C1; M2 --> T; M2 --> C1; T --> C1; C1 --> C2; DC[Date of Complaint] --> NC[Nature of Complaint]; NC --> DC;
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