

1 Producte detaset (1) (Fordings): The dataset has 845,552 nows and it has Scren (7) columns > category-1, Cetegory-2, cotegory-3, Category 4, Manufacturer, Brand Cy Barcode of I observed, columns like category-3, Cologory-4, Manufactures cy Brand have missing values! & Barcode Column has mostly float values. As we know Barcodu au treated as stongs, they are like kind of Identificos. (i) Assumptions 1941 of trade to the trade I oblined that there are dot of category hierarchy in the a delaset But category, category 2 have few missing velues, whereas category3, category 4 hes more missing dela. > There is also missing data in columns like Brand 4 Manufactures maybe because of incomplète information in products eletaset. (ii) (Concultican clusion): s obscured approximetely 92% of data is missing in categoryy solumn. s tata quality 188ms ategory 4, manufacturelle, Brand Columns have more missing o dota DAS observed, barcode column needs to a strong detatype, but it is stored as float type. 5 lot of blank entroles in Manufacturer & Brand columns. (Challengee) = 7 H is chillenging to understand column category 4, as it has more missing velues:

3 Transaction dataset (Findings): dateset her 50,000 sows en &columns Receipted, purchere date, scan-date, store neme, whiled, Barcode, final quantity of final scale 7 dot et mility velors in Barcode column [approx 11%] 7 Columns like Final - Quality and Firet scale contains mixed datatyper. In Final duality column, contains values like "Zioo" unstead of numerical deta 9 Barcode column consists of Stoat relues, but this column must be a strong détatype 7 Perchase dete cy Scan-date are treated as Strings instead of doteline (PASsemptions). Final Quality by Final sale most here romercal Entry (1) (Conclusion) -To There are data Quality assures, uncluding missing vetues in Barcode, mined datatypes in final - Quality by Final Sales Data Quality Issues Omissing values in Barcode column (2) Incompostent detertype in final Quelity by final sale 3 Invalid values in final Quality deleter Column Chellenges: Finding tent volues like "zero" in numeric fields is bit confusing included to refer the off pupa ilent