

Problem Statement:

Analyze the Retail Purchase data set and implement the KPI's as defined below:

1. Calculate sales breakdown by product category across all of the stores.
2. Calculate sales breakdown by store across all of the stores (handle bad records)
3. Find the total sales values across all the stores and the total number of sales. Assume there is only one reducer.

Sample Input Data:

Date	Time	City	Product-Cat	Sale-Value	Payment-Mode
2012-01-01	09:00	Fort Worth	Women's Clothing	153.57	Visa
2012-01-01	09:00	San Jose	Men's Clothing	214.05	Amex
2012-01-01	09:00	San Diego	Music	66.08	Cash
2012-01-01	09:00	Pittsburgh	Pet Supplies	493.51	Discover
2012-01-01	09:00	Omaha	Children's Clothing	235.63	MasterCard
2012-01-01	09:00	Stockton	Men's Clothing	247.18	MasterCard
2012-01-01	09:00	San Diego	Cameras	379.6	Visa
2012-01-01	09:00	New York	Consumer Electronics	296.8	Cash