

Assignment 2

31 October 2019

1. Create a txt file called sales.
Amar, Big Bazaar, 450.90
Amar, Amazon, 8900
Armaan, Big Bazaar, 8900
Bulbul, Big Bazaar, 6789
Bulbul, Pantaloon, 6767.90
Balbir, Amazon, 89000
Candy, Walmart, 8900
Chandana, Amazon, 6755.99
Dolly, Flipkart, 20000.70
Dolly, Amazon, 8023.78
Daniel, Amazon, 9000
Francis, Shopper's Stop, 5000
Ghanshyam, Pantaloon, 12000
Ghanshyam, Mark & Spencer, 7580.90
2. Load it into Pig.
3. Describe the schema.
4. List total sales per department stores.
5. List total sales per customer.
6. Create a txt file called emp.txt that contains Emp_No, EName, Job, Mgr_id, Hiredate, Sal, Commision, Dept_no
8980, Smith, Clerk, 8000,03-12-2017,35000, NULL, 10
6789, Allen, Salesman, 7698, 12-12-2008, 40000, 3500, 30
7521, Ward, Salesman, 7698, 12-9-2008, 48000, 40000, 30
7234, Jones, Manager, 7839, 9-1-2005, 89000, NULL, 20
8769, Martin, Salesman, 7698, 3-2-2009, 45000, 73000, 30
7698, Blake, Manager, 7839, 1-5-2005, 78000, NULL, 30
7782, Clark, Manager, 7839, 1-2-2006, 56000, NULL, 10
7788, Scott, Analyst, 7566, 12-8-2009, 78000, NULL, 20
7839, King, President, NULL, 3-8-2004, 145000, NULL, 10
7. Create a txt file called dept.txt that contains, Dept_no, Departmentname, Area
10, Accounting, New York
20, Research, Dallas
30, Sales, Chicago
8. Load the data into Pig.
9. List Emp_No, Ename, Jon, Hiredate, Experience of all Managers.
10. List all employee records in asc order of dept nbr. and desc of job title
11. List details of employees whose commission is more than the salary.
12. List details of employees whose commission is NULL.
13. List all employee names that start with 'S' and end with 'H'.
14. List all employees along with the daily salary that is calculated from the monthly salaray assuming all months are 30 days.
15. List all employees who joined after 2008.