1.

1)

LexisMacbokAir:data macuser$ head chipotle.tsv

order\_id quantity item\_name choice\_description item\_price

1 1 Chips and Fresh Tomato Salsa NULL $2.39

1 1 Izze [Clementine] $3.39

1 1 Nantucket Nectar [Apple] $3.39

1 1 Chips and Tomatillo-Green Chili Salsa NULL $2.39

2 2 Chicken Bowl [Tomatillo-Red Chili Salsa (Hot), [Black Beans, Rice, Cheese, Sour Cream]] $16.98

3 1 Chicken Bowl [Fresh Tomato Salsa (Mild), [Rice, Cheese, Sour Cream, Guacamole, Lettuce]] $10.98

3 1 Side of Chips NULL $1.69

4 1 Steak Burrito [Tomatillo Red Chili Salsa, [Fajita Vegetables, Black Beans, Pinto Beans, Cheese, Sour Cream, Guacamole, Lettuce]] $11.75

4 1 Steak Soft Tacos [Tomatillo Green Chili Salsa, [Pinto Beans, Cheese, Sour Cream, Lettuce]] $9.25

LexisMacbokAir:data macuser$ tail chipotle.tsv

1831 1 Carnitas Bowl [Fresh Tomato Salsa, [Fajita Vegetables, Rice, Black Beans, Cheese, Sour Cream, Lettuce]] $9.25

1831 1 Chips NULL $2.15

1831 1 Bottled Water NULL $1.50

1832 1 Chicken Soft Tacos [Fresh Tomato Salsa, [Rice, Cheese, Sour Cream]] $8.75

1832 1 Chips and Guacamole NULL $4.45

1833 1 Steak Burrito [Fresh Tomato Salsa, [Rice, Black Beans, Sour Cream, Cheese, Lettuce, Guacamole]] $11.75

1833 1 Steak Burrito [Fresh Tomato Salsa, [Rice, Sour Cream, Cheese, Lettuce, Guacamole]] $11.75

1834 1 Chicken Salad Bowl [Fresh Tomato Salsa, [Fajita Vegetables, Pinto Beans, Guacamole, Lettuce]] $11.25

1834 1 Chicken Salad Bowl [Fresh Tomato Salsa, [Fajita Vegetables, Lettuce]] $8.75

1834 1 Chicken Salad Bowl [Fresh Tomato Salsa, [Fajita Vegetables, Pinto Beans, Lettuce]] $8.75

Each column lists specific information about items pick in each order, and the contents for that item.

2) Based on the tail of the file, there are 1834 orders.

3) And there are 4623 lines

LexisMacbokAir:data macuser$ wc -l chipotle.tsv

4623 chipotle.tsv

4)After counting for both chicken burrito and steak burrito, the result shows chicken burrito is much more popular than steak burrito.

LexisMacbokAir:data macuser$ grep -i "chicken burrito" chipotle.tsv | wc -l

553

LexisMacbokAir:data macuser$ grep -i "steak burrito" chipotle.tsv | wc -l

368

5) Chicken bruitto are more likely to have black beans

LexisMacbokAir:data macuser$ grep -i "chicken burrito" chipotle.tsv | grep -i "black beans" | wc -l

282

LexisMacbokAir:data macuser$ grep -i "chicken burrito" chipotle.tsv | grep -i "pinto beans" | wc -l

105

2. LexisMacbokAir:DAT\_SF\_19 macuser$ find . -name \*.\*sv

./data/airlines.csv

./data/chipotle.tsv

./data/drinks.csv

./data/hitters.csv

./data/housing-data.csv

./data/imdb\_1000.csv

./data/titanic.csv

./data/ufo.csv

./data/vehicles\_test.csv

./data/vehicles\_train.csv

./data/yelp.csv

3. LexisMacbokAir:GeneralAssembly macuser$ grep -r "dictionary" DAT\_SF\_19 | wc -w

121