

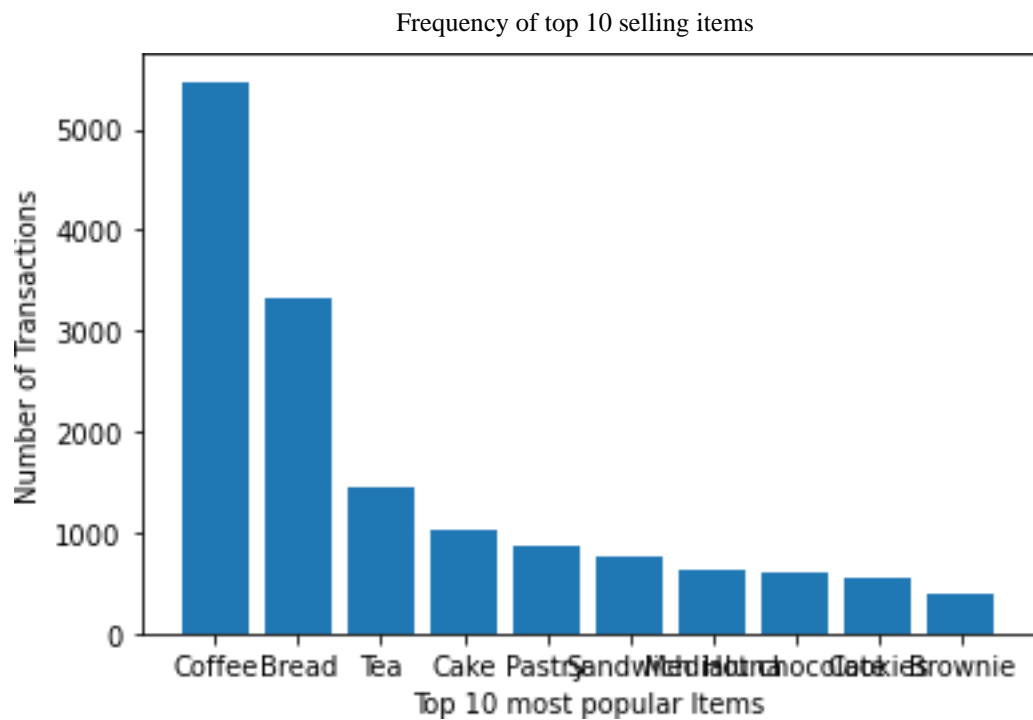
Project Activity-1

Section-A:

GitHub Link:

<https://github.com/AbdulKader05/Big-Data-Project-Activity-1.git>

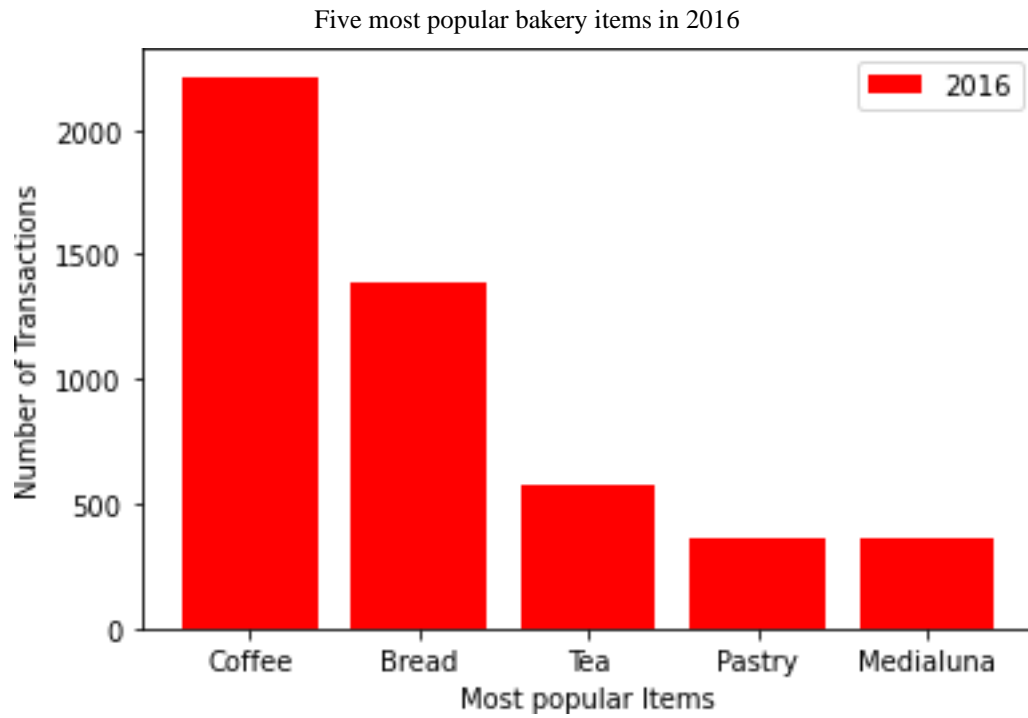
Ans-1:



Top 10 most popular items:

['Coffee', 'Bread', 'Tea', 'Cake', 'Pastry', 'Sandwich', 'Medialuna', 'Hot chocolate', 'Cookies', 'Brownie']

Ans 2:



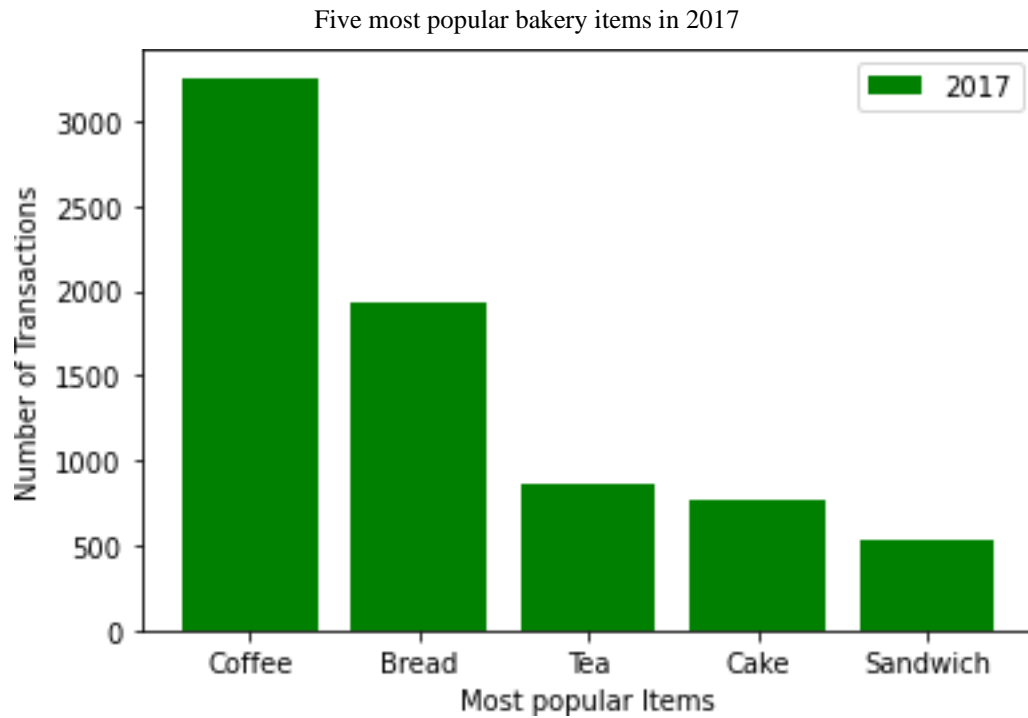
5 most popular items in 2016 is:				Item	Year	Month	\
Date	Time	Transaction					
0 2016-10-30	2020-10-18	09:58:11	1	Bread	2016	10	
1 2016-10-30	2020-10-18	10:05:34	2	Scandinavian	2016	10	
2 2016-10-30	2020-10-18	10:05:34	2	Scandinavian	2016	10	
3 2016-10-30	2020-10-18	10:07:57	3	Hot chocolate	2016	10	
4 2016-10-30	2020-10-18	10:07:57	3	Jam	2016	10	

Day	Weekday	Hour
0	30	6 9
1	30	6 10
2	30	6 10
3	30	6 10
4	30	6 10

Name: MD Abdul Kader

Roll: 180030

Ans 3:

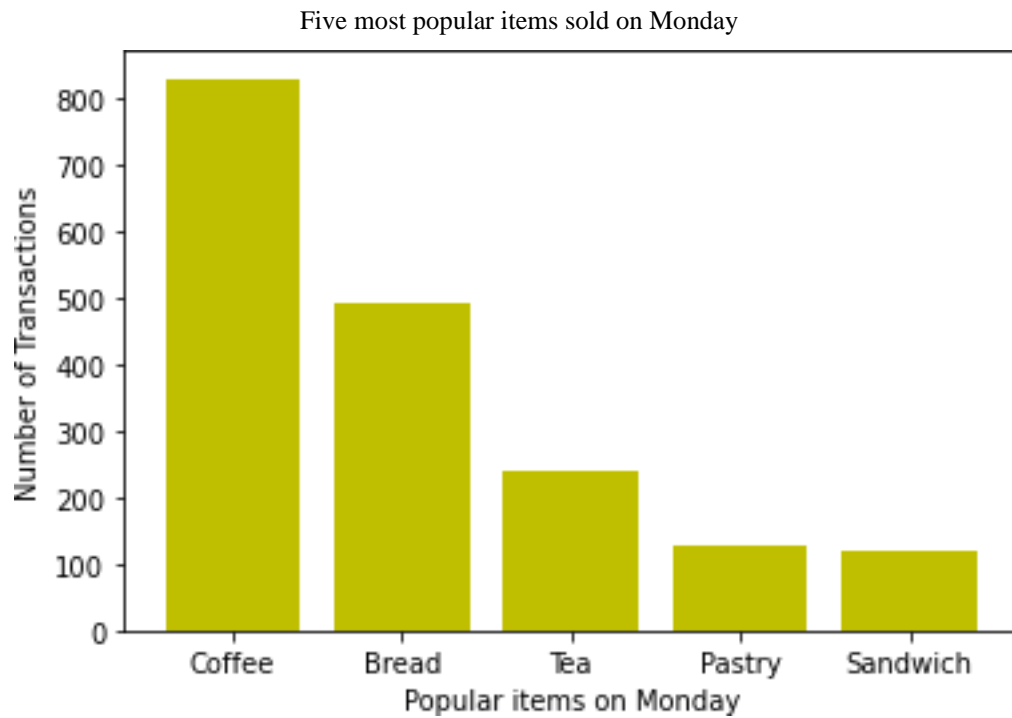


5 most popular items in 2017 is:

Date	Time	Transaction	Item	Year	Month	\
8561	2017-01-01	2020-10-18 01:21:05	4090	Bread	2017	1
8562	2017-03-01	2020-10-18 09:08:01	4094	Coffee	2017	3
8563	2017-03-01	2020-10-18 09:14:31	4095	Coffee	2017	3
8564	2017-03-01	2020-10-18 09:14:31	4095	Toast	2017	3
8565	2017-03-01	2020-10-18 09:17:54	4096	Farm House	2017	3

Day	Weekday	Hour
8561	1	6 1
8562	1	2 9
8563	1	2 9
8564	1	2 9
8565	1	2 9

Ans 4:

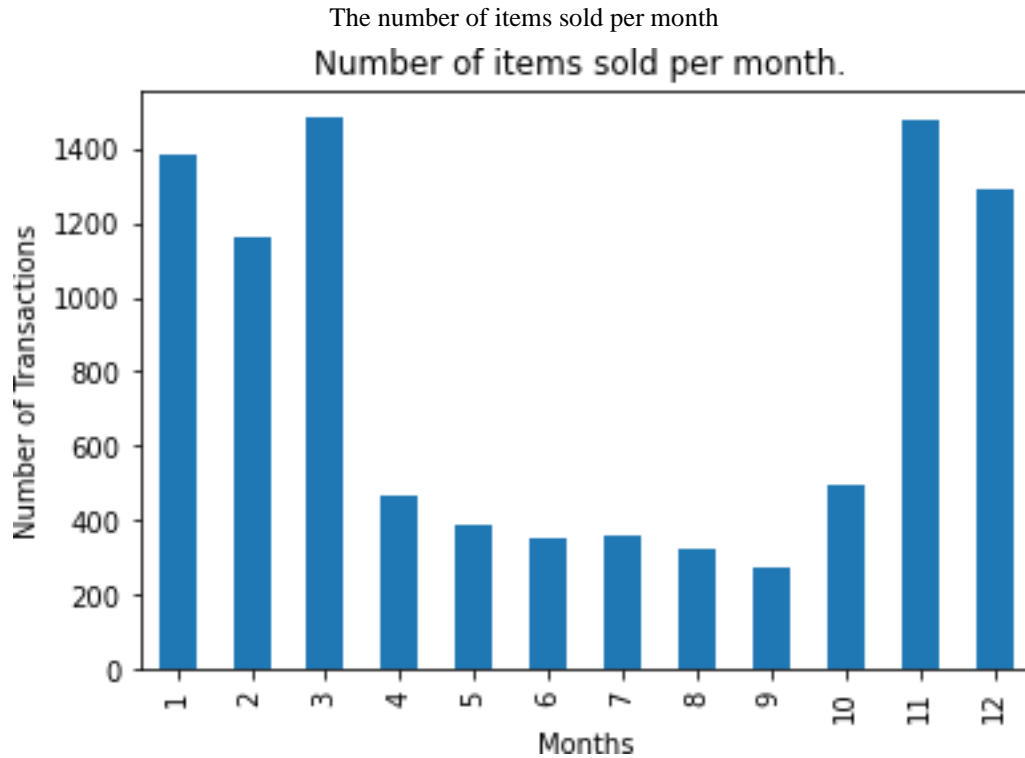


5 most popular items sold on monday is:

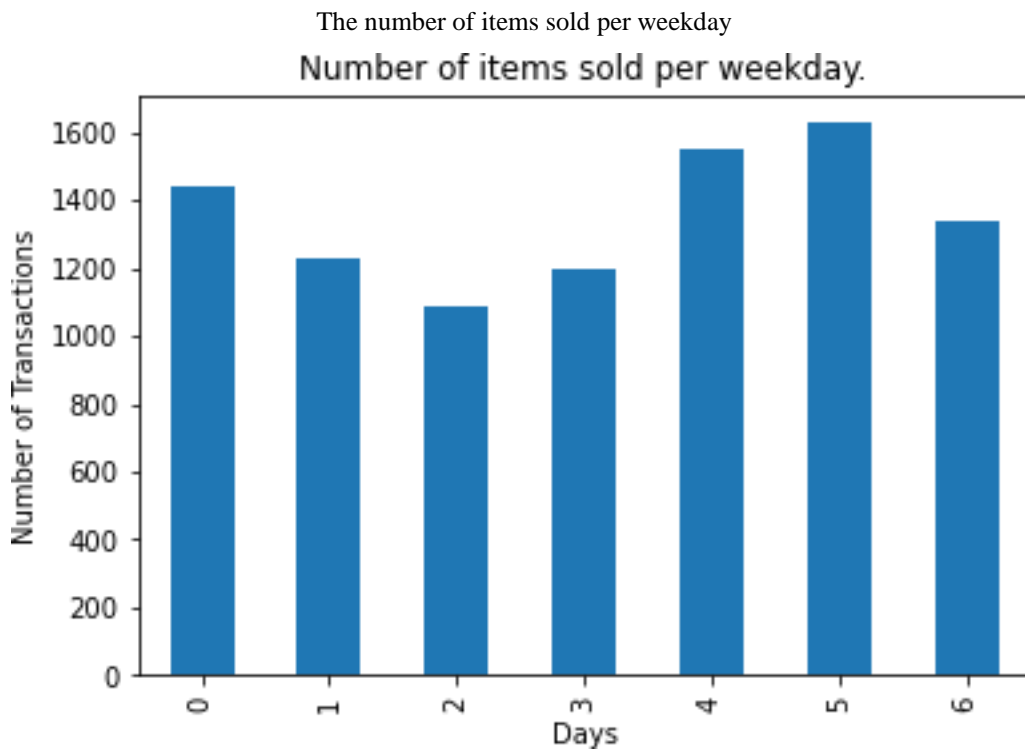
	Date	Time	Transaction	Item	Year	Month	Day	\
180	2016-10-31	2020-10-18	08:28:31	81	Coffee	2016	10	31
181	2016-10-31	2020-10-18	08:28:31	81	Cake	2016	10	31
182	2016-10-31	2020-10-18	08:47:05	82	Tartine	2016	10	31
184	2016-10-31	2020-10-18	08:47:05	82	Bread	2016	10	31
185	2016-10-31	2020-10-18	08:57:47	83	Coffee	2016	10	31

	Weekday	Hour
180	0	8
181	0	8
182	0	8
184	0	8
185	0	8

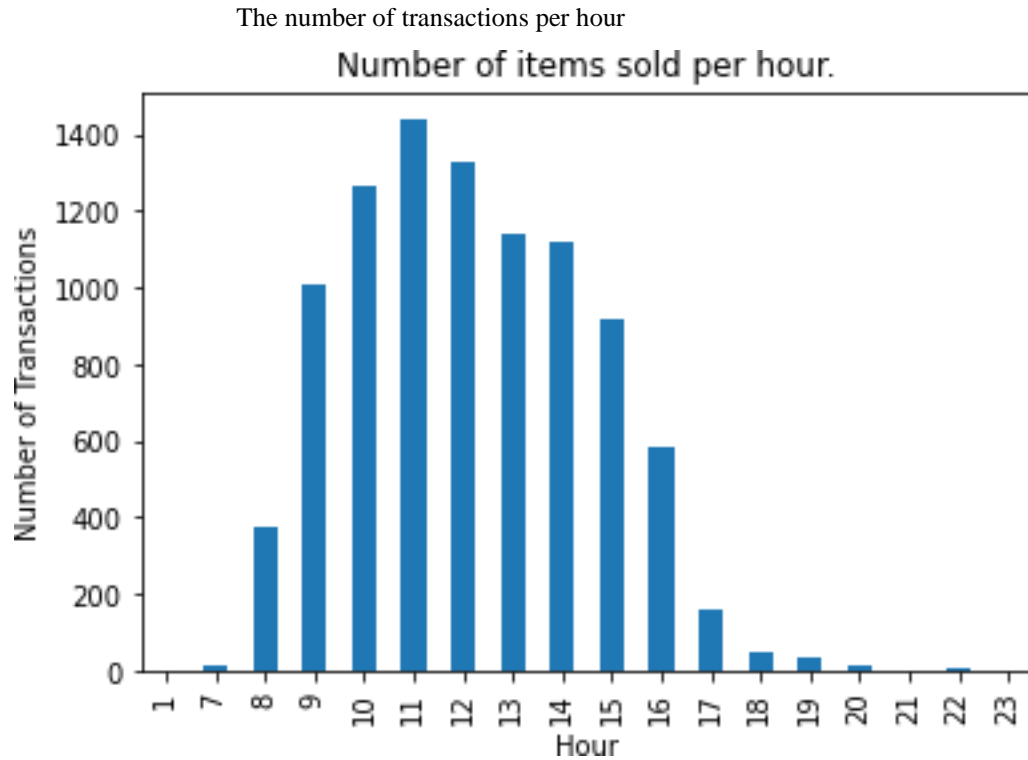
Ans 5:



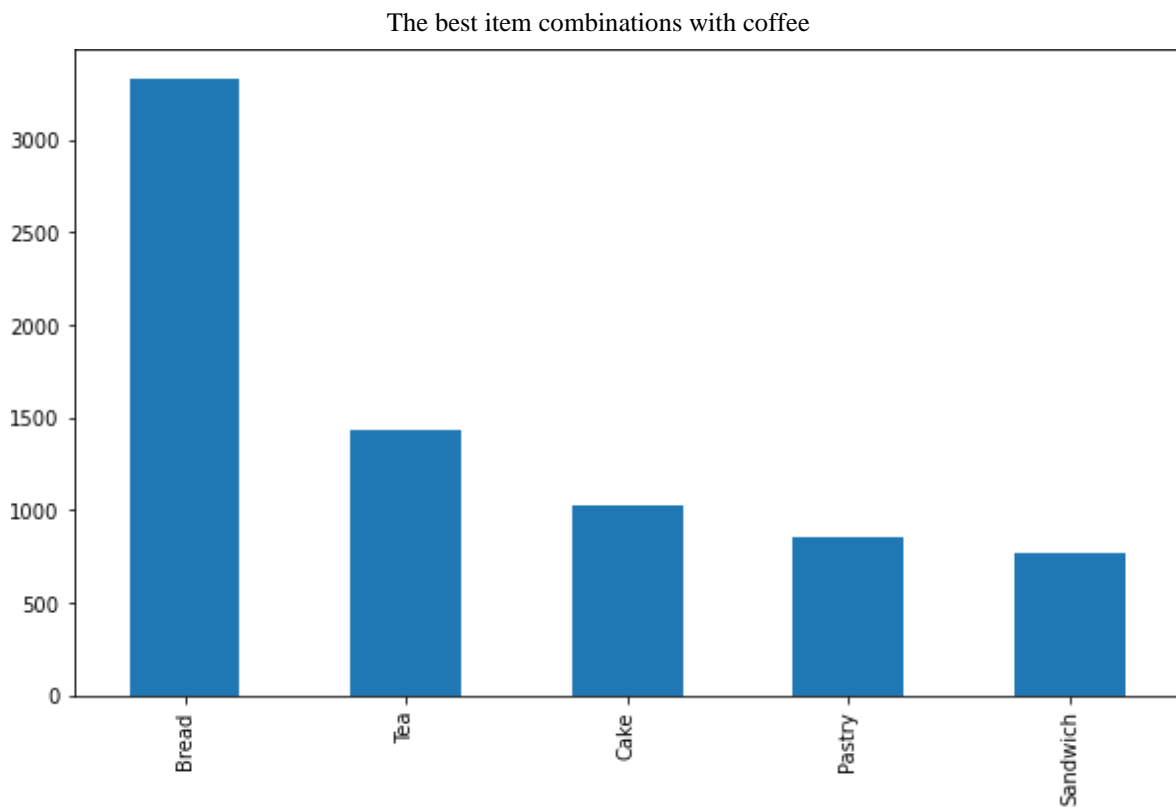
Ans 6:



Ans 7:



Ans 8:



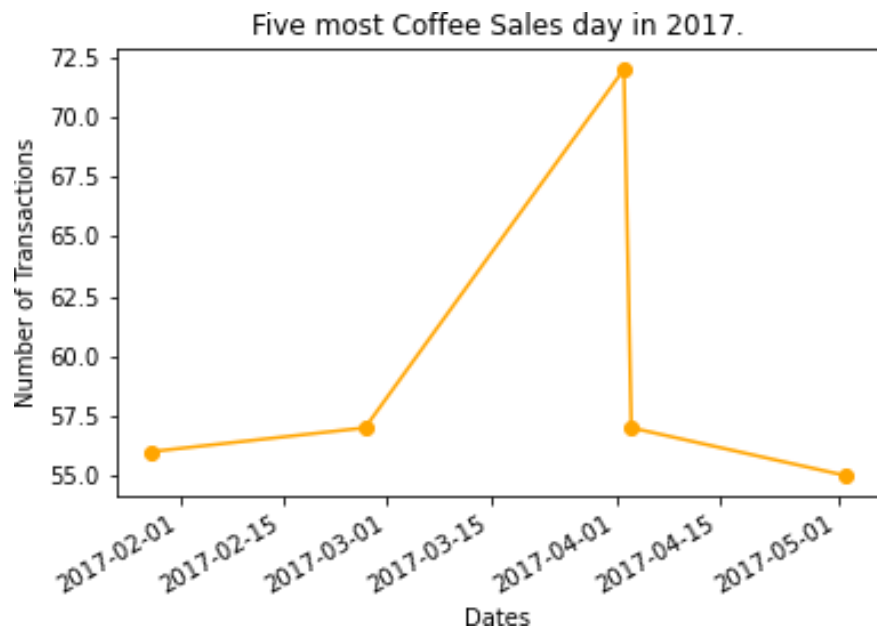
Name: MD Abdul Kader
Roll: 180030

Ans 9:

The five most Coffee Sales day in 2017

2017-04-02	72
2017-02-26	57
2017-04-03	57
2017-01-28	56
2017-05-02	55

Name: Date, dtype: int64



Ans 10:

Historical chart of Bread sold throughout the week

