

Name: CHESETTI MOUNIKA

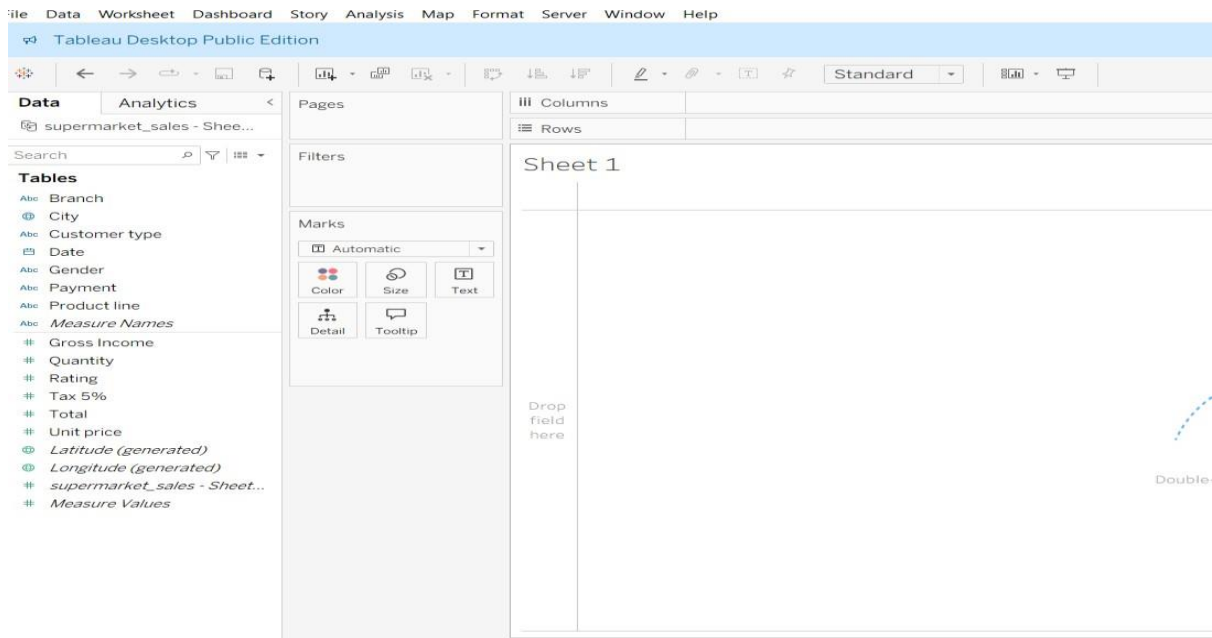
Roll no: 22P31A04D4

DA ASSIGNMENT -1

Given Data Set:

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R |
|----|------------|--------|-----------|----------|--------|--------------|------------|----------|---------|----------|-----------|-------|-------------|--------|------------|-------------|--------|---|
| 1 | Invoice ID | Branch | City | Customer | Gender | Product line | Unit price | Quantity | Tax 5% | Total | Date | Time | Payment | cogs | gross marg | gross incor | Rating | |
| 2 | 750-67-84 | A | Yangon | Member | Female | Health anc | 74.69 | 7 | 26.1415 | 548.9715 | ##### | 13:08 | Ewallet | 522.83 | 4.761905 | 26.1415 | 9.1 | |
| 3 | 226-31-30 | C | Naypyitaw | Normal | Female | Electronic | 15.28 | 5 | 3.82 | 80.22 | ##### | 10:29 | Cash | 76.4 | 4.761905 | 3.82 | 9.6 | |
| 4 | 631-41-31 | A | Yangon | Normal | Male | Home and | 46.33 | 7 | 16.2155 | 340.5255 | ##### | 13:23 | Credit card | 324.31 | 4.761905 | 16.2155 | 7.4 | |
| 5 | 123-19-11 | A | Yangon | Member | Male | Health anc | 58.22 | 8 | 23.288 | 489.048 | 1/27/2019 | 20:33 | Ewallet | 465.76 | 4.761905 | 23.288 | 8.4 | |
| 6 | 373-73-79 | A | Yangon | Normal | Male | Sports and | 86.31 | 7 | 30.2085 | 634.3785 | ##### | 10:37 | Ewallet | 604.17 | 4.761905 | 30.2085 | 5.3 | |
| 7 | 699-14-30 | C | Naypyitaw | Normal | Male | Electronic | 85.39 | 7 | 29.8865 | 627.6165 | 3/25/2019 | 18:30 | Ewallet | 597.73 | 4.761905 | 29.8865 | 4.1 | |
| 8 | 355-53-59 | A | Yangon | Member | Female | Electronic | 68.84 | 6 | 20.652 | 433.692 | 2/25/2019 | 14:36 | Ewallet | 413.04 | 4.761905 | 20.652 | 5.8 | |
| 9 | 315-22-56 | C | Naypyitaw | Normal | Female | Home and | 73.56 | 10 | 36.78 | 772.38 | 2/24/2019 | 11:38 | Ewallet | 735.6 | 4.761905 | 36.78 | 8 | |
| 10 | 665-32-91 | A | Yangon | Member | Female | Health anc | 36.26 | 2 | 3.626 | 76.146 | ##### | 17:15 | Credit card | 72.52 | 4.761905 | 3.626 | 7.2 | |
| 11 | 692-92-55 | B | Mandalay | Member | Female | Food and l | 54.84 | 3 | 8.226 | 172.746 | 2/20/2019 | 13:27 | Credit card | 164.52 | 4.761905 | 8.226 | 5.9 | |
| 12 | 351-62-08 | B | Mandalay | Member | Female | Fashion ac | 14.48 | 4 | 2.896 | 60.816 | ##### | 18:07 | Ewallet | 57.92 | 4.761905 | 2.896 | 4.5 | |
| 13 | 529-56-39 | B | Mandalay | Member | Male | Electronic | 25.51 | 4 | 5.102 | 107.142 | ##### | 17:03 | Cash | 102.04 | 4.761905 | 5.102 | 6.8 | |
| 14 | 365-64-05 | A | Yangon | Normal | Female | Electronic | 46.95 | 5 | 11.7375 | 246.4875 | ##### | 10:25 | Ewallet | 234.75 | 4.761905 | 11.7375 | 7.1 | |
| 15 | 252-56-26 | A | Yangon | Normal | Male | Food and l | 43.19 | 10 | 21.595 | 453.495 | ##### | 16:48 | Ewallet | 431.9 | 4.761905 | 21.595 | 8.2 | |
| 16 | 829-34-39 | A | Yangon | Normal | Female | Health anc | 71.38 | 10 | 35.69 | 749.49 | 3/29/2019 | 19:21 | Cash | 713.8 | 4.761905 | 35.69 | 5.7 | |
| 17 | 299-46-18 | B | Mandalay | Member | Female | Sports and | 93.72 | 6 | 28.116 | 590.436 | 1/15/2019 | 16:19 | Cash | 562.32 | 4.761905 | 28.116 | 4.5 | |
| 18 | 656-95-93 | A | Yangon | Member | Female | Health anc | 68.93 | 7 | 24.1255 | 506.6355 | ##### | 11:03 | Credit card | 482.51 | 4.761905 | 24.1255 | 4.6 | |
| 19 | 765-26-69 | A | Yangon | Normal | Male | Sports and | 72.61 | 6 | 21.783 | 457.443 | ##### | 10:39 | Credit card | 435.66 | 4.761905 | 21.783 | 6.9 | |
| 20 | 329-62-15 | A | Yangon | Normal | Male | Food and l | 54.67 | 3 | 8.2005 | 172.2105 | 1/21/2019 | 18:00 | Credit card | 164.01 | 4.761905 | 8.2005 | 8.6 | |
| 21 | 319-50-33 | B | Mandalay | Normal | Female | Home and | 40.3 | 2 | 4.03 | 84.63 | ##### | 15:30 | Ewallet | 80.6 | 4.761905 | 4.03 | 4.4 | |
| 22 | 300-71-46 | C | Naypyitaw | Member | Male | Electronic | 86.04 | 5 | 21.51 | 451.71 | 2/25/2019 | 11:24 | Ewallet | 430.2 | 4.761905 | 21.51 | 4.8 | |
| 23 | 371-85-57 | B | Mandalay | Normal | Male | Health anc | 87.98 | 3 | 13.197 | 277.137 | ##### | 10:40 | Ewallet | 263.94 | 4.761905 | 13.197 | 5.1 | |
| 24 | 273-16-66 | B | Mandalay | Normal | Male | Home and | 33.2 | 2 | 3.32 | 69.72 | 3/15/2019 | 12:20 | Credit card | 66.4 | 4.761905 | 3.32 | 4.4 | |
| 25 | 636-48-82 | A | Yangon | Normal | Male | Electronic | 34.56 | 5 | 8.64 | 181.44 | 2/17/2019 | 11:15 | Ewallet | 172.8 | 4.761905 | 8.64 | 9.9 | |
| 26 | 549-59-13 | A | Yangon | Member | Male | Sports and | 88.63 | 3 | 13.2945 | 279.1845 | ##### | 17:36 | Ewallet | 265.89 | 4.761905 | 13.2945 | 6 | |

Removed Unnecessary columns:

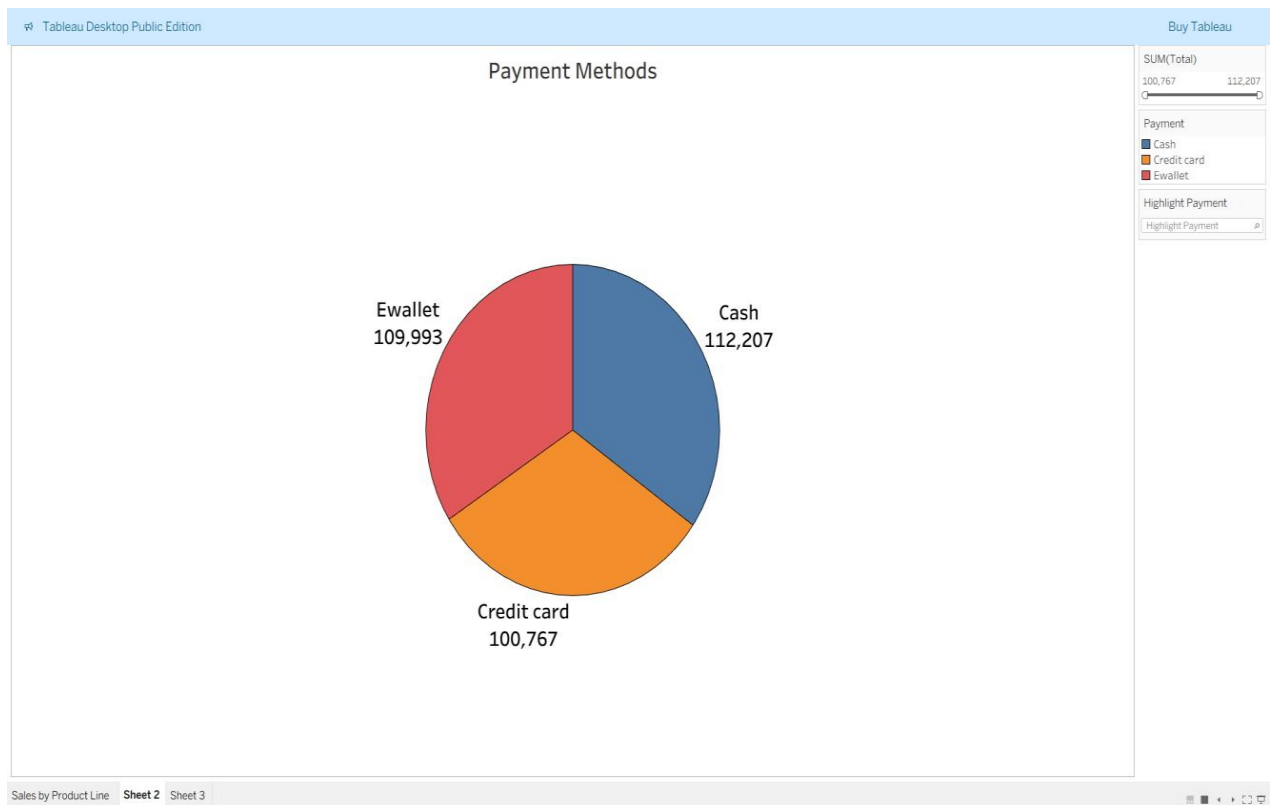


Data Visualizations of Given Task:

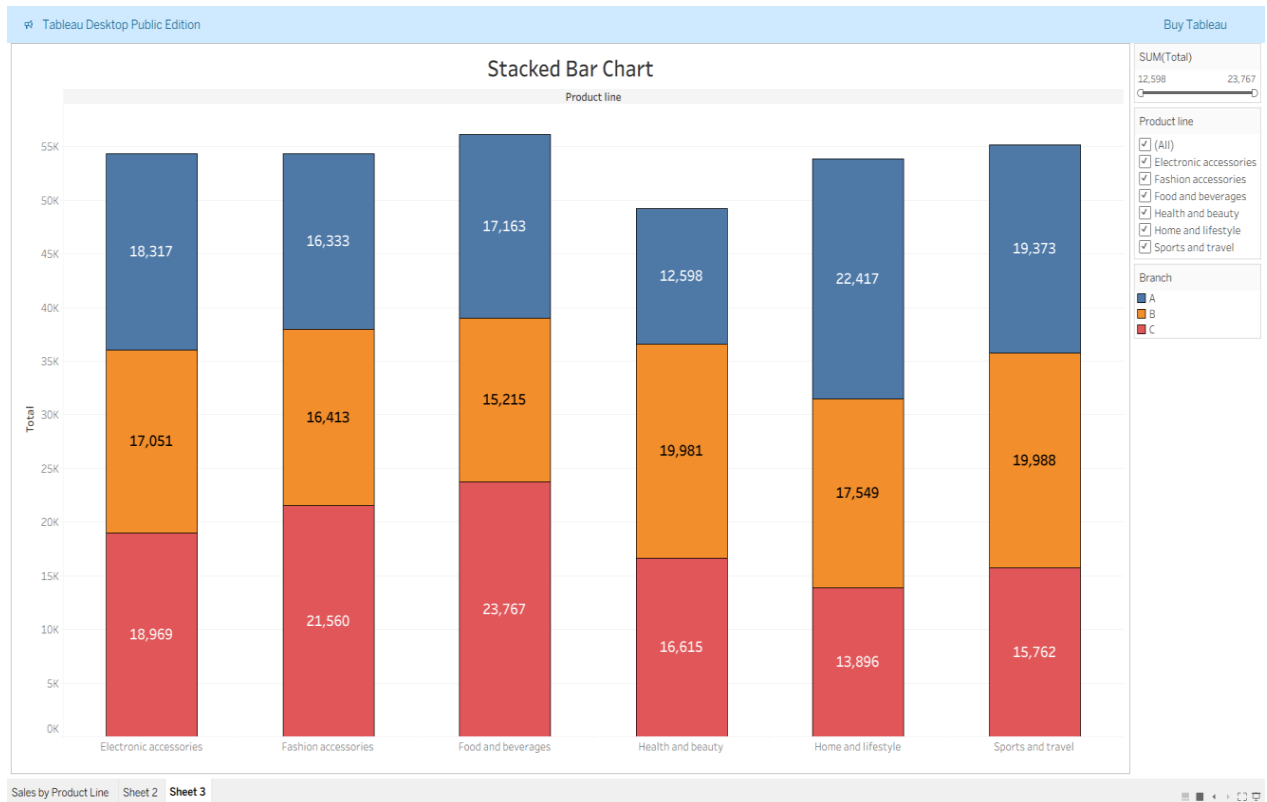
Bar Chart:



Pie Chart:



Stacked Bar Chart:



Line Chart:



Bubble Chart:

