Name: Arenas, Joseph C.   **Student ID Number:** TUPM-23-0244

Course/Section: BET-CPET 3A   **Sex:** Male
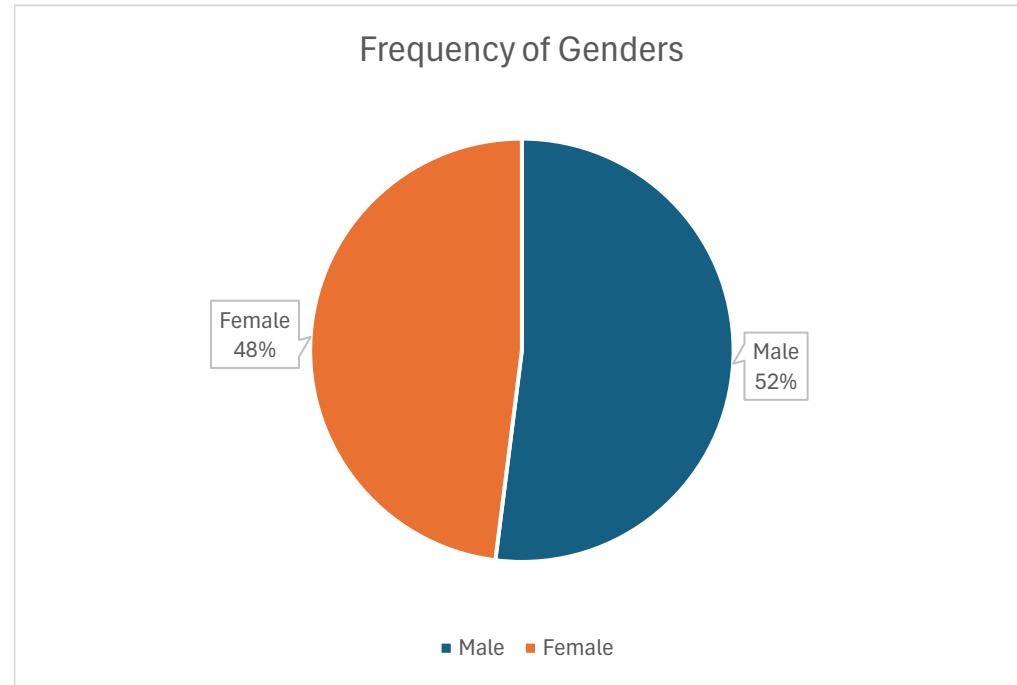
2.1.

Gender Frequency Distribution Table	
Gender	f
Male	26
Female	24
Total	**50**
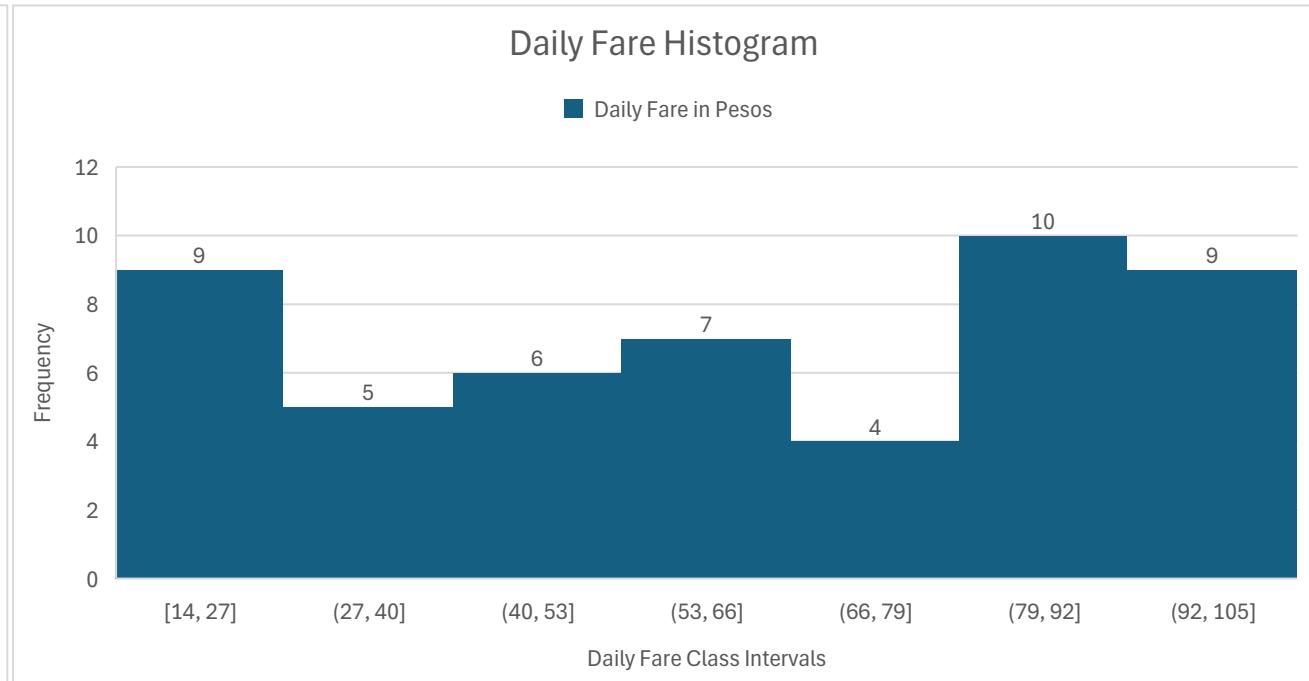
2.2.

Daily Fare Expanded Frequency Distribution Table						
Limits	f	Class Boundaries	Class Mark	Relative Frequency	Less-than Cumulative Frequency	Greater-than Cumulative Frequency
14-26	9	13.5-26.5	20	18%	9	50
27-39	5	26.5-39.5	33	10%	14	41
40-52	6	39.5-52.5	46	12%	20	36
53-65	6	52.5-65.5	59	12%	26	30
66-78	5	65.5-78.5	72	10%	31	24
79-91	9	78.5-91.5	85	18%	40	19
92-104	10	91.5-104.5	98	20%	50	10
Total	50			100%		

2.3.

Frequency of Genders

Female 48%
Male 52%

■ Male ■ Female

2.4.

Daily Fare Histogram

■ Daily Fare in Pesos

Frequency

Interval	Frequency
[14, 27]	9
(27, 40]	5
(40, 53]	6
(53, 66]	7
(66, 79]	4
(79, 92]	10
(92, 105]	9

Daily Fare Class Intervals

2.5.

Column Graph Daily Fare in Pesos

Daily Fare in Pesos

Data Number
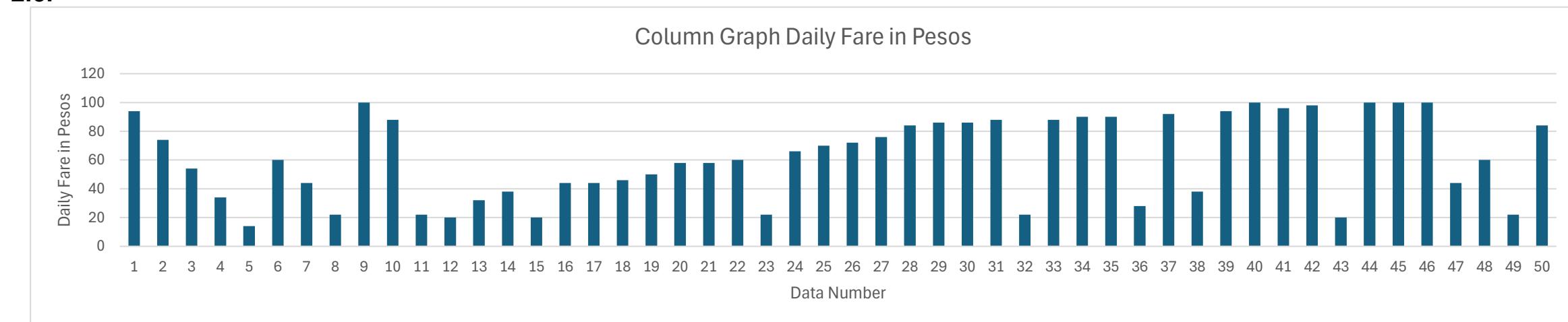
**2.6. Interpretation for 3rd Class Interval**

a. A total of six individuals from both the male and female demographic fall within the daily fare range of 40 to 52 pesos.

b. The average daily fare in pesos that falls within the 3rd class interval is 46.

c. 12% of the male and female respondents fall within the daily wage of 40 to 52 pesos.

d. 20 people pay less than 52 pesos for their daily fare

e. 36 people pay more than 56 pesos for their daily fare.

2.7. Interpretation for 5th Class Interval

a. A total of five individuals from both the male and female demographic fall within the daily fare range of 66 to 78 pesos.

b. The average daily fare in pesos that falls within the 5th class interval is 66 to 78 pesos.

c. 10% of the male and female respondents fall within the daily wage of 66 to 78 pesos.

d. 31 people pay less than 66-78 pesos for their daily fare

e. 24 people pay more than 66-78 pesos for their daily fare.