

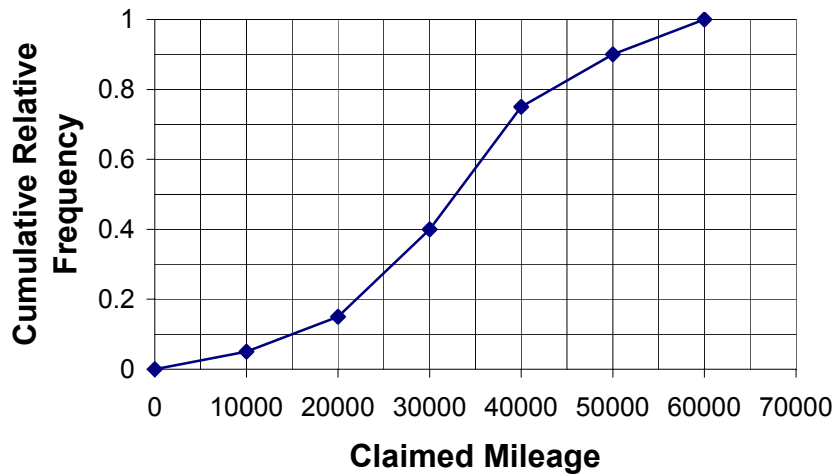
**PRACTICE TEST I – ANSWER KEY**

1.

Mileage	Frequency	Cumulative Frequency	Cumulative Relative Frequency
	0	0	0.00
0 - under 10,000	20	20	0.05
10,000 - under 20,000	40	60	0.15
20,000 - under 30,000	100	160	0.40
30,000 - under 40,000	140	300	0.75
40,000 - under 50,000	60	360	0.90
50,000 - under 60,000	40	400	1.00

a.

**Ogive**



- b. Approx. 32,500
- c. 55,000
- d. 24,000
- e. 30,000 – under 40,000

2.

- a. more
- b. skewed to the left

3.

- a. 105.1
- b. 8.77
- c. 
$$z = \frac{x - 105.1}{8.77}$$

- 4. a. 0.62
- b. Client selected is male and has a balance portfolio
- c. No
- d. 0.78
- e. 0.6522
- f. are not
- g. 0.38.