Scatter Diagram

- Identifies possible relationship between two different sets of variables
- Example: Determine whether the data found in the Histogram (variable # 1) has any relationship to the experience level of the issuing PC associate (variable # 2)

Scatter Diagram

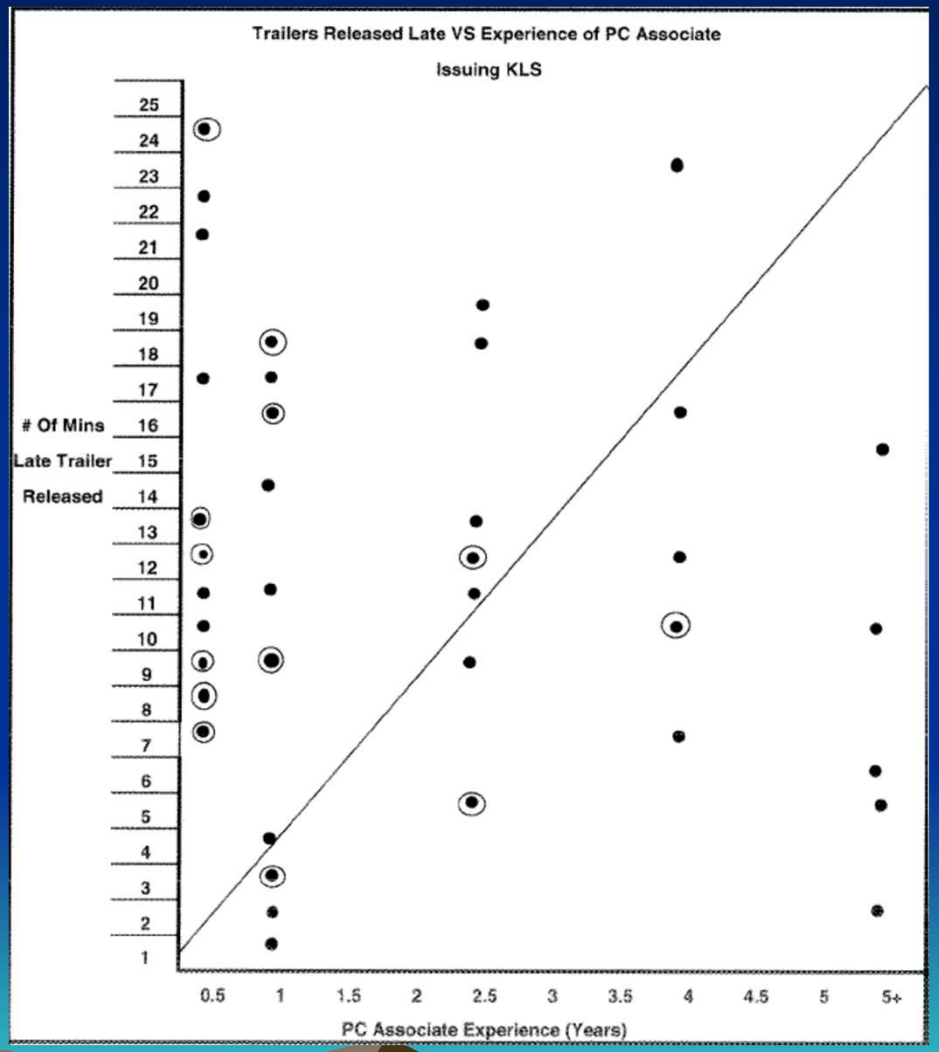
- Collect a minimum of fifty paired data points (i.e. minutes past tact time due to waiting for a KLS that a trailer is released {variable # 1} along with the amount of experience that the issuing PC associate has {variable # 2}

Scatter Diagram

Data Point #	Mins Behind Tact Time	Experience of PC Associate
1	1	< 1 Year
2	7	< 3 Years
3	2	> 3 Years
4	8	< 6 Months
5	3	< 1 Year
6	4	< 1 Year
7	21	< 6 Months
8	5	< 3 Years
9	19	< 3 Years
10	6	> 3 Years
11	18	< 1 Year
12	12	< 3 Years
13	7	< 6 Months
14	12	< 3 Years
15	15	> 3 Years
16	22	< 6 Months
17	9	< 1 Year
18	12	< 6 Months
19	5	< 3 Years
20	17	< 6 Months
21	7	< 6 Months
22	18	< 1 Year
23	12	< 6 Months
24	3	< 1 Year
25	23	< 3 Years
26	11	< 6 Months
27	11	< 1 Year
28	17	< 1 Year
29	10	< 3 Years
30	13	< 3 Years
31	9	< 3 Years
32	2	< 1 Year
33	24	< 6 Months
34	18	< 3 Years
35	14	< 1 Year
36	9	< 1 Year
37	16	< 1 Year
38	10	< 3 Years
39	16	< 1 Year
40	11	< 3 Years
41	24	< 6 Months
42	10	< 6 Months
43	13	< 6 Months
44	8	< 6 Months
45	19	< 6 Months
46	12	< 3 Years
47	5	> 3 Years
48	16	< 3 Years
49	13	< 6 Months
50	10	> 3 Years

Scatter Diagram

- Draw and label the X and Y axis and plot the data appropriately



Scatter Diagram

- **Interpret the data:**
  - **Positive Correlation**
  - **Possible Positive Correlation**
  - **No Correlation**
  - **Possible Negative Correlation**
  - **Negative Correlation**