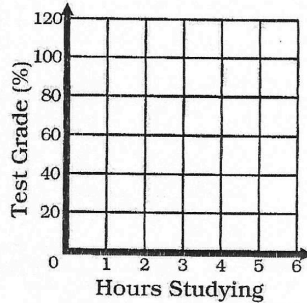


What Bird Has Bad Manners?

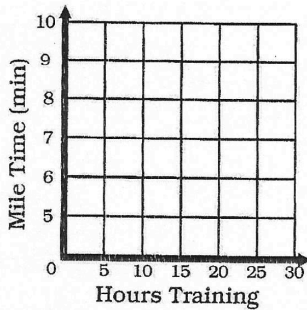
Create a scatterplot using the data given. Use the graph to answer questions related to the scatterplot.

| Student # | Hours Studying | Test Grade |
|-----------|----------------|------------|
| 1 | 2 | 57 |
| 2 | 3 | 70 |
| 3 | 4 | 90 |
| 4 | 1 | 98 |
| 5 | 3 | 58 |
| 6 | 3.5 | 62 |
| 7 | 3 | 63 |
| 8 | 1.5 | 30 |
| 9 | 5 | 108 |
| 10 | 3.5 | 71 |



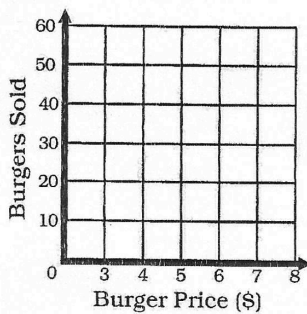
- What type of association is shown?
 B Positive R Negative O None
- Is it linear or non-linear?
 O Linear N Non-Linear
- Where is hours studying clustered?
 A 0 to 1 D 3 to 3.5 E 5 to 6
- Which point is an outlier?
 F (1.5,30) T (5,108) A (1,98)

| Runner # | Hours Training | Mile Time |
|----------|----------------|-----------|
| 1 | 5 | 7 |
| 2 | 10 | 6 |
| 3 | 21 | 5 |
| 4 | 20 | 5.5 |
| 5 | 15 | 5.5 |
| 6 | 24 | 5.7 |
| 7 | 8 | 5.7 |
| 8 | 4 | 8.5 |
| 9 | 30 | 5.2 |
| 10 | 17 | 8 |



- What type of association is shown?
 D Positive N Negative L None
- Is it linear or non-linear?
 J Linear R Non-Linear
- Where is hours training clustered?
 U 5 hours Y 25 hours C None
- Which point would be an outlier?
 E (5,8.5) M (17,8) B (30,5.2)

| Food Truck # | Burger Price | Burgers Sold |
|--------------|--------------|--------------|
| 1 | 3 | 58 |
| 2 | 6.50 | 43 |
| 3 | 8 | 29 |
| 4 | 7 | 34 |
| 5 | 4 | 45 |
| 6 | 7 | 38 |
| 7 | 7.50 | 37 |
| 8 | 8 | 36 |
| 9 | 5.50 | 42 |
| 10 | 6 | 19 |



- What type of association is shown?
 S Positive G Negative E None
- Is it linear or non-linear?
 I Linear H Non-Linear
- Where is the burger price clustered?
 P \$3-5 T \$5-6 I \$7-8
- Which point would be an outlier?
 M (8,29) C (3,58) K (6,19)

| | | | | | | | | | | | |
|---|---|---|---|----|----|---|---|---|----|---|---|
| 4 | 8 | 2 | 7 | 12 | 10 | 5 | 9 | 1 | 11 | 6 | 3 |
| | | | | | | | | | | | |