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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

data and statistics cross word

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  | 1  P |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | E |  |  |  |  |  |  |  |  |  | 2  S |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 3  B | I | V | A | R | I | A | T | E | D | A | T | A |  | C |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | C |  |  |  |  |  |  |  |  |  | A |  |  |  |  | 4  F |  |  |
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|  |  |  |  |  |  |  |  |  |  | 5  L | I | N | E | O | F | B | E | S | T | F | I | T |  |  |  |  | E |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  | E |  |  |  |  | Q |  |  |
|  |  |  |  |  |  |  | 6  I | R | R | A | T | I | O | N | A | L | N | U | M | B | E | R |  |  |  |  | U |  | 7  S |
|  |  |  |  |  | 8  P |  |  |  |  |  |  | L |  |  |  |  |  |  |  |  |  | P |  |  | 9  F |  | E |  | T |
|  |  |  |  |  | A |  |  |  |  |  |  | E |  |  | 10  I | N | T | E | R | P | O | L | A | T | I | O | N |  | R |
|  |  |  | 11  I |  | R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | O |  |  | V |  | C |  | A |
|  | 12  L | I | N | E | A | R | G | R | A | P | H |  |  |  |  | 13  V |  | 14  Q | U | A | R | T | I | L | E |  | Y |  | N |
|  |  |  | T |  | L |  |  |  |  |  |  |  |  |  |  | A |  |  |  |  |  |  |  |  | N |  | C |  | D |
|  | 15  D |  | E |  | L |  |  |  |  |  | 16  P | R | I | M | A | R | Y | D | A | T | A |  |  |  | U |  | U |  | E |
|  | E |  | R |  | E |  |  |  |  |  |  |  |  |  |  | I |  |  |  |  |  |  |  |  | M |  | R |  | D |
|  | P |  | Q |  | L |  |  |  |  |  |  | 17  S |  |  |  | A |  |  |  | 18  P |  |  |  |  | B |  | V |  | D |
|  | E |  | U |  | D |  | 19  I | N | D | E | P | E | N | D | E | N | T | V | A | R | I | A | B | L | E |  | E |  | E |
|  | N |  | A |  | O |  |  |  |  |  |  | C |  |  |  | C |  |  |  | I |  |  |  |  | R |  |  |  | V |
|  | D |  | R |  | T |  |  |  |  |  |  | 20  O | G | I | V | E |  | 21  R | A | N | G | E |  |  | S |  |  |  | I |
|  | E |  | T |  | P |  |  |  |  |  |  | N |  |  |  |  |  |  |  | C |  |  |  |  | U |  |  |  | A |
|  | N |  | I |  | L |  |  |  |  |  |  | D |  |  |  |  |  |  |  | I |  |  |  |  | M |  |  |  | T |
|  | T |  | L |  | O |  |  |  | 22  P | A | R | A | L | L | E | L | B | O | X | P | L | O | T |  | M |  |  |  | I |
|  | V |  | E |  | T |  |  |  |  |  |  | R |  |  |  |  |  |  |  | A |  |  |  |  | A |  |  |  | O |
|  | A |  | R |  |  |  |  |  |  |  |  | Y |  |  |  | 23  B | O | X | P | L | O | T |  |  | R |  |  |  | N |
|  | R |  | A |  |  |  |  |  |  |  |  | D |  |  |  |  |  |  |  |  |  |  |  |  | Y |  |  |  |  |
|  | I |  | N |  |  |  |  |  |  |  |  | A |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | A |  | G |  |  |  |  |  |  | 24  E | X | T | R | A | P | O | L | A | T | I | O | N |  |  |  |  |  |  |  |
|  | B |  | E |  |  |  |  |  |  |  |  | A |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | L |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | E |  |  |  |  |  |  |  | 25  R | E | G | R | E | S | S | I | O | N | L | I | N | E |  |  |  |  |  |  |  |

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| **Across**  **3.** a data set that contains values for two variables  **5.** a line drawn to approximate the relationship between two variables that have potted as a scater plot  **6.** number that cannot be written in fractional from  **10.** making predictions from a graph within the range of the know values  **12.** a graph that is a straight line  **14.** a percentile expressed in decimal form  **16.** data collected by the user  **19.** a variable whose variation does not depend on that of another.  **20.** another name for cumulative frequency curve  **21.** the difference between the largest result and the lowest in a data set  **22.** two or more box plots drawn on the same scale  **23.** a simple way of representing a set of data on a plot  **24.** making a prediction from a graph outside the rand of know values  **25.** a least squares line of best fit | **Down**  **1.** the value below which the started percentage of results lie  **2.** a graph of bivariate data each data pair is represented by a point on the graph  **4.**  a graph that shows the number of results less than given value in grouped data  **7.** one of the measures of spread related to the mean  **8.** two or more dot plots drawn on the same scale  **9.** five key values used to draw a box plot  **11.**  a measure of variability, based on dividing a data set into quartiles  **13.** a statistical measure of spread  **15.** the variable bivariate pair that varies because of changes in the other variable  **17.** data collected by someone else  **18.** the original number |