

(16) For the relationship between as price and temp, the price went clown as the temp rose. For the relationship between electricity and temp, the price seemed to producilly rise as the temp did

Detric: Y = 0.003x + 0.66845

If next February average was 14° gas ward
be expected to be 2.181 and electric

vould be 0.725

20 Linear, Positive, None, Ves, but not accurate 20 Nonlinear, None, Yes, No

5a) Y= 4.148x - 153.693 Slope; 4.148 - For ear

Slope: H.148 - For each degree that the temp goes up (F) we can expect there to be about 4 more chirps per midule

Y-Intercept: -153.693: If it was O degrees (17)
there should be -153.693 chirps per
mirate but this closs not make sense.

(36) You could use this model by counting the chirps for 15 seconds

and multiply that number by 4 becous 15 seconds is a quarter of a minute. 50 It would make sense to consider the chirps per minute as the dependant vorioible because temprature can exist without the Chirps. And temprature would be the independent variable. Handout 2 1.1) Y=1.5934X+25.4286 (1.2) Slope: 1.5434 - For every minute that it takes to get to the hospital we can expect the probability of death to increase by 1.54 percent (1.3) Y-Intercept: 25.4286 - If someon had a heart attack et a hospital, there is a 23.4286 percent charge 1.4) 66.604 % chance of Survival 1.5)-0.7033

	60 1/2 36 11411/2000
1	2.1) Y= -7.6 11x+16719.6
	(20) 0 merc 101 (Ch. )
	(1.2) 2005: 1-180(1959.345)
	2025: 1307(1307:525)
	2.2) 2005: 1-160(1454.545) 2025: 1307(1307:525) This seems reasonable
	2.3 Blope: - 9.611 - Every were there
5	23 Blope: -7.611 - Every year there are 8 (7.610 less news papers
	2.9 Y-Intercept: 16719.6 - At year
	O there were 16760 news papers.
	IVO
	(a) V-T aborrant D / 21/19/21/1/ 200
-	there will be no more news papers.
	there will be no more hers papers.
·-	This is reasonable
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