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Statistical Analysis Homework TAKE TWO—Econ 4810—Senior Seminar--Dickinson

Task 1

Average Monthly Temperatures (degrees Fahrenheit)			
Month	Honolulu, Hawaii	Miami, Florida	Boone, North Carolina
January	74.4	67.5	yyy
February	72.6	68.0	yyy
March	73.3	71.3	yyy
April	74.7	74.9	yyy
May	76.2	78.0	yyy
June	78.0	80.9	yyy
July	79.1	82.2	yyy
August	79.8	82.7	yyy
September	79.5	81.6	yyy
October	78.4	77.8	yyy
November	76.1	72.3	yyy
December	73.7	68.5	yyy

Paired sample t-tests Miami vs. Honolulu. T-stat=**YYYY** 2-tailed critical t-stat for a 5% test is **yyyy**.
Paired sample t-tests Miami vs. Boone. T-stat= **YYYY**. 1-tailed critical t-stat for a 5% test is **YYYY**.

The results of each test mean this, blah blah blah

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Task 2

PREDICTORS OF ANNUAL NET SALES

(dep variable=Annual Net Sales in \$ thousands)

Variable	Coefficient (standard error)
Intercept	Xxxxx (yyyy)
Square Feet (thousands)	Xxxxx (yyyy)
Inventory (\$ thousands)	Xxxxx (yyyy)
Spending on Advertising (\$ thousands)	Xxxxx (yyyy)
Size of Sales District (thousands of families)	Xxxxx (yyyy)
# of Competing Stores	Xxxxx (yyyy)
R-squared	Xxxxx (yyyy)

*, **, *** indicate significance at the .10, .05, and .01 levels, respectively, for 2-tailed test.

The regressions results show **blah blah blah (detail this)**