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Cool! I'am really happy

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My friends are so mad that they do not know how I have all the high quality ebook which they do not!

#Diego Butler



so many fake sites. this is the first one which worked! Many thanks

MATH 411, Winter 2013, Take-Home Practice Exam (Instructions on page 6) complete solutions correct answers key

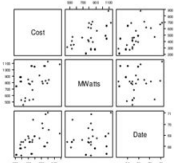
find the answers at <https://www.studocu.com/row/document/american-international-university/math-411-winter-2013-take-home-practice-exam-solutions-correct-answers-key/11111111>

1. The following data were collected for 32 light water nuclear power plants.

Cost: Cost to build the plant in \$100,000-dollar units, adjusted to a 1976 base.
Date: Date of construction permit in years since 1900. (These are not necessarily integers, 70.75, for example, means 70 and three quarter years since 1900.)

MWatts: Plant capacity in megawatts.

The goal was to model cost in terms of date and megawatts. Here is the scatterplot matrix of the data.



These regression models were examined, and summarized as follows. Note that C_M and C_D denote slopes or partial slopes for $MWatts$ or $Date$, respectively.

```
MODEL 1: Cost = Intercept + C_MWatts
Estimate Std. Error t value Pr(>|t|)
(Intercept) 111.7408 122.3755 0.913 0.36887
MWatts 0.4228 0.1446 2.921 0.00461

Residual standard error: 192.5 on 30 degrees of freedom
Multiple R-squared: 0.2226, Adjusted R-squared: 0.1946
F-statistic: 8.388 on 1 and 30 DF, p-value: 0.00814

MODEL 2: Cost = Intercept + C_D*Date
Estimate Std. Error t value Pr(>|t|)
(Intercept) -653.37 1461.96 -0.443 0.659466
Date 192.29 24.23 7.934 0.000297
```

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