



European Sales Data (with Derived Features)

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Hello all,

TL;DR: I thought it would be interesting to derive some extra features from given ones (derived *GDP* and *Education Spending per Head*), and they perform pretty well by themselves with log-log transformation.

Results: Best ones are modelCapita4 and modelComputer4

- $\log(\text{SalesPerCapita}) \sim \log(\text{EdSpendHead}) \rightarrow 0.7757 \text{ Adj. } R^2$
- $\log(\text{ComputerSales}) \sim \log(\text{GDP}) \rightarrow 0.8807 \text{ Adj. } R^2$

<CodeWithFigures>

#Get the dataset

```
europaData<-read.csv("EuropeanSales.csv",header=T)
```

#Take a look at it

```
attributes(europaData)
```

```
summary(europaData)
```

