Machine Learning :  
  
FileName: 50\_Startups.csv  
Prediction: Profit

1. Multiple Linear Regression: 0.93  
  
2. SVM (kernel='rbf', C= 1000000) = 0.94  
  
3. Decision Tree:

|  |  |  |
| --- | --- | --- |
| **Criterion** | **Splitter** | **R2\_Score** |
| ***squared\_error*** | best | 0.92 |
| ***squared\_error*** | random | 0.88 |
| ***friedman\_mse*** | best | 0.90 |
| ***friedman\_mse*** | random | 0.84 |
| ***absolute\_error*** | best | 0.95 |
| ***absolute\_error*** | random | 0.65 |
| ***poisson*** | best | 0.91 |
| ***poisson*** | random | 0.83 |