DecisionStats.org
Summer Internship Report

Name :   Farheen Nilofer
Course: B-Tech (Computer Engineering)
             Jamia Millia Islamia

Internship Duration:

Start Date: 1st June 2015
Completion Date : 15th July 2015

Company:

             DecisionStats.org
             Hauz Khas Village,
             New-Delhi,India

Internship at DecisionStats.org has proved to make me more discipline ,professional and enhance my productivity to many folds.Internship helped me to acquire wide range skills including Data Analytics,Technical blog writing,cloud computing,making presentations,new programing languages (python,R,SAS) ,software(SAS,Rstudio),working on git . Besides the technical and professional aspect of learning I have been to many workshops and meetups which helped me to build my skills to communicate and present myself in decent manner.

Part 1: Pre Learning

Before joining the internship officially I have been asked to cover basics of Python and R from www.codeacademy.com and datacamp.com respectively which I have completed successfully.

Basics Of R:
https://drive.google.com/open?id=0B08CI0RykgKSMnc4UG9DRHp4M1k

Basics Of Python
http://www.codecademy.com/ajaxBlaster81339

I have also created my own blog as per the requirement of the internship.

https://dataorchid.wordpress.com/

Part 2: Pandas in Python

In the first week of internship I was provided with different resources by Mr Ajay Ohri to learn Pandas in python . While learning I was advised by him to start blogging side by side to the process of learning Pandas and I did the same.

https://dataorchid.wordpress.com/2015/06/02/learn-pandas/
https://dataorchid.wordpress.com/2015/06/07/pandas-in-python-part-2/
https://dataorchid.wordpress.com/2015/06/09/pandas-in-python-part3/

Part 3: Learning R through { swirl }

In the second week of Internship I moved one step forward in R learning. I was suggested to learn R through { swirl } in R console and I completed that before the beginning of next week.

Part 4: Rcpp package in R

After brushing up my skills in R, I moved forward learning Rcpp package in R through the resources provided by Mr. Ajay Ohri. Rcpp basically the integration of R and C++. It speeds up the execution of R code.

During the internship I made a presentation in Rcpp.
https://docs.google.com/presentation/d/1emgCV3IQGpUuDShWCBv0Ao8-SrkE3BBxGWX2raQdT9g/edit#slide=id.p

Part 5: Cloud Computing

I learned to start an AWS EC2 instance and then accessed it using Ubuntu on it .I have successfully installed R and Rstudio on it.

Part 6: Summer School Training

I learned R for Data Analytics ,python for Analytics,SAS language for beginners and Web Analytics,Social Media for Marketing and more importantly the corporate blogging.
I was trained by Mr Ajay Ohri and Miss Sunakshi during the training.

Part 7: Website Development

Website development was the last part of the internship . I have designed a website for the DecisionStats.org .

Conclusion:

Internship at DecisionStats.org was a excellent step in the path of my career as a Data Scientist.Working there for one and half month ultimately resulted in making me more productive ,disciplined and professional.

Finally ,I am finishing my Internship in a good note of experience and impression.I would like to thank Mr. Ajay Ohri and Miss Sunakshi for their invaluable help and guidance.

Submitted By :   Mentor:

Farheen Nilofer   Mr. Ajay Ohri
B-Tech Computer Engineering   Founder
Jamai Millia Islamia   DecisionStats.org