

Robert Smith

Data Scientist Intern

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SUMMARY

As a Data Scientist Intern, responsible for executing data driven solutions to increase efficiency, accuracy and utility of internal data processing, and also creating data regression models, implement action oriented solutions to complex business problems.

SKILLS

Data Mining, Handling Pressure, Collaboration, Problem Solving Skills.

WORK EXPERIENCE

Data Scientist Intern

ABC Corporation - June 2015 - August 2015

- Conducted data regression analyses of relationship between company prices and industry trends, achieving a more accurate prediction of performance than previous years.
- Utilized web scraping techniques to extract and organize competitor data.
- Updated company data warehousing techniques as data recall and segmentation, resulting in increase usability for non-technical staff.
- Modernized data streamlining process, resulting in a redundancy reduction.
- Improved mining process, resulting in a 15 % decrease in a time needed to infer insights from customer data used to develop marketing strategies.
- Worked with research team to develop complex views and stored procedures that extract pertinent information from database for their research.
- Performed data manipulation, analysis, modeling and visualization on massive transaction data with Impala, Python and R. Collaborated with Business.

Data Scientist Intern

ABC Corporation - 2011 - 2015

- Visualization of final Maps in Arc-GIS and Tableau.
- Main role in this internship is to evaluate the usage of different machine learning techniques for the demand forecast of different products and adjust the production.
- Multivariate Linear and nonlinear regression techniques and classification techniques are implemented and their performance is evaluated in different contexts and scenarios.
- Implementations are tested on data on Hadoop cluster using R, Spark MLlib, Matlab and Mahout.
- Sharding technique is used for the MySQL backend instances.
- EMR Hadoop cluster is used for HBase.
- Fine performance tuning was performance on both databases and frontend Recommendation System for Netflix Movies (Python, scikit-learn).

EDUCATION

Masters Degree