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Employment

Developer BI & A — **Target Corporation** — **July 2013-July2016**

Real Estate Database

- Developed a full stack MVC web application using SQL Server, .Net, C# and angularJs. The application created a platform for Tax analyst to enter, edit and store taxes for Target Real Estate.
- Normalized the data to reduce redundancy and increase access speed.
- Warehoused the complete database and implemented it in SQL Server.
- Implemented Services and REST APIs in .NetC#
- Developed a responsive UI in HTML5, CSS3, bootstrap and angularJs.

Block Group Assignment

- The aim was to map to each guest at Target into a polygonal location area whose latitude-longitude was available.
- Developed python programs on pyspark-1.6 to analyze Target guest data.
- Lambda python programming to write MapReduce in Spark(pyspark) to analyze geospatial data.

Vendor Income Analysis

- Developed Vendor Income Portal to access all reports relating to CNA (Cost and Negotiation Agreements).
- Cleansing of data to get correct and most updated data.
- Created drill downs for all metrics down till the transaction level to analyze the profit-loss in Audits, earnings through interest, etc
- Created different views and dashboards for each metric by month. Different views like markdowns, promotions, vendors, category, etc.

Education

Tempe, AZ — **Arizona State University** — **Fall 2016 – Expected Fall 2018**

- Masters in Computer Science
- Graduate Coursework: Statistical Machine Learning; Principles of Programming Languages; Distributed & Multiprocessor OS

Bangalore, KA — **M.S.Ramaiah I.T** — **Fall 2009 – May 2013**

- B.E. in Information Science, May 2013 GPA:3.53
- UG Coursework: Databases;DBMS;Algorithms;Business Intelligence; Data Structures and Algorithms;

Technical Experience

Projects

- **KDD 2016 Paper Acceptance Rank Prediction** (2016). Predicting the ranking of an institution based on heterogenous data provided by Microsoft Academic Graph API. Used Brown's Simple Exponential Smoothing, SVM Rank and Gradient Boosting Decision Trees to predict ranks and evaluating them using the Normalized Discounted Cumulative Gain. Python,SQL

Additional Experience and Awards

- **Pyramid Award at Target:**for developing and automating Vendor Income Analysis faster than designated time period saving 100 hours of manual month effort.
- **Partner's Award:**at Target for Vendor Income Analysis.

Languages and Technologies

- C; C#.NET; SQL; JavaScript; AngularJs; JQuery; Python;
- Vim; Visual Studio; Microsoft SQL Server; Teradata;WebStorm; PyCharm;