ACHAL AGARWAL

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Summary

A proactive and fast learning data lover seeking an opportunity to work as a dynamic data analyst, utilizing logical & analytical skills in a proficient way to help the corporate achieve business goals.

Experience

EBEX

Junior Developer	Dec 2017 - Mar 2019
EBEX Services Ltd	1 year 4 months

1) Using SQL Server as a testing environment to check with any loopholes on the http://www.zeeintranet.com/NSDB/Login website.

2) Worked on analyzation of reports using MS-Excel coming from different departments including SAP, Finance & Procurement, Payroll etc.

SAKSOFT

Software Trainee	Mar 2017 - Jun 2017
Saksoft Limited	4 months

1) Twitter Analysis Project
   Used Big Data and Hadoop tools (Apache Flume & Hive) to fetch real-time data.
2) Using Selenium Web Driver performed automation testing and manual testing.
3) Worked on Java, getting used to with Linux environment.

Projects

Sentiment Analysis for Linq App review   Oct 2018

Used R as tool, understanding the key features users mention while providing positive & negative feedback. This will help us understand what features in the app work well and what features need improvement. Developed WordCloud and csv's files holding positive and negative words respectively.
Libraries used: Wordcloud, RWeka, Qdap, Stopwords, rJava

Analysis of NIFTY Stock Market   Feb 2019

Used R as tool, to study Nifty Stock Market by programmatically download daily Nifty 50 index data for the last 1 year from NSE website and compute a rolling mean with a window of last 10 days. Libraries used: R-Selenium, rVest

Quandl API Project and World Bank Project

Did project using Python which involved extensive Data Wrangling, Data was extracted using Quandl API and token ID number. While the World Bank Data was raw Json based.

*GitHub URL: https://github.com/94Achal?tab=repositories

HR Analytics using Logistic Regression   Mar 2019

Used Python as tool, to identify the eligible candidates for final promotion at a particular checkpoint to expedite the entire promotion process. Calculated Evaluation Metric F1 score, train and test validation was also performed. Libraries used: Pandas, Numpy, Sklearn

Market Basket Analysis using R

Analysis done on Walmart data with different transactional ID's. Support, confidence, lift and count were calculated.

Skills

Python • R • Linux • Machine Learning • Big Data • Microsoft Excel • Tableau

Certifications

Introduction To Git for Data Science • DataCamp
Issue No: 8714567 • Mar 2019

Intermediate Python for Data Science • DataCamp
Issue No: 8764307 • Mar 2019

Introduction To Shell for Data Science • DataCamp
Issue No: 8702444 • Feb 2019

Platinum Certified Data Analytics using R • AcadGild
Dec 2018

Education

AJAY KUMAR GARG ENGINEERING COLLEGE, GHAZIABAD   2012 - 2016
Bachelor of Technology (B.Tech), Electronics and instrumentation Engineering, 1st Division

Authored technical paper on "KUKA youBot integration with LabVIEW for Industrial Application in "International Journal of Smart Home (IJSH)."
URL:- http://www.sersc.org/journals/IJSH/vol10_no6_2016/2.pdf

Apeejay School   2011 - 2012
CBSE, 12th
79.4%

Apeejay School   2009 - 2010
CBSE, 10th
CGPA 8.8

Honors & Awards

Certified LabVIEW Associate Developer • National Instruments, U.S.A • Apr 2016