

Skills \* Programming Languages: Python (pandas, numpy, scipy, scikit-learn, matplotlib), Sql, Java, JavaScript

## Data Science Assurance Associate

Data Science Assurance Associate - Ernst & Young LLP

### Skill Details

JAVASCRIPT- Experience - 24 months

jQuery- Experience - 24 months

Python- Experience - 24 months

Company Details

company - Ernst & Young LLP

description - Fraud Investigations and Dispute Services Assurance

TECHNOLOGY ASSISTED REVIEW

TAR (Technology Assisted Review) assists in accelerating the review process and run analytics and generate

\* Core member of a team helped in developing automated review platform tool from scratch for assisting E d

\* Understand the end to end flow of the solution, doing research and development for classification models,

\* TAR assists in predictive coding, topic modelling from the evidence by following EY standards. Developed

Tools & Technologies: Python, scikit-learn, tfidf, word2vec, doc2vec, cosine similarity, Naïve Bayes, LDA, I

## MULTIPLE DATA SCIENCE AND ANALYTIC PROJECTS (USA CLIENTS)

TEXT ANALYTICS - MOTOR VEHICLE CUSTOMER REVIEW DATA \* Received customer feedback survey

\* Created heat map of terms by survey category based on frequency of words \* Extracted Positive and Negative

\* Created customized tableau dashboards for effective reporting and visualizations.

CHATBOT \* Developed a user friendly chatbot for one of our Products which handle simple questions about

\* This chat bot serves entire product related questions. Giving overview of tool via QA platform and also give

\* This too has intelligence to build the pipeline of questions as per user requirement and asks the relevant /r

Tools & Technologies: Python, Natural language processing, NLTK, spacy, topic modelling, Sentiment analy

## INFORMATION GOVERNANCE

Organizations to make informed decisions about all of the information they store. The integrated Information

\* Scan data from multiple sources of formats and parse different file formats, extract Meta data information, p

\* Performing ROT Analysis on the data which give information of data which helps identify content that is eit

\* Performing full-text search analysis on elastic search with predefined methods which can tag as (PII) perso

Tools & Technologies: Python, Flask, Elastic Search, Kibana

## FRAUD ANALYTIC PLATFORM

Fraud Analytics and investigative platform to review all red flag cases.

■ FAP is a Fraud Analytics and investigative platform with inbuilt case manager and suite of Analytics for

\* It can be used by clients to interrogate their Accounting systems for identifying the anomalies which can be

Tools & Technologies: HTML, JavaScript, SqlServer, JQuery, CSS, Bootstrap, Node.js, D3.js, DC.js