

ANUBHAV PAREEK

✉ anubhavpar@gmail.com
☎ (415)-728-4489
📍 San Francisco, CA 94107
in Anubhav Pareek
🌐 anubhavpar

8+ years experienced professional with diverse experience across SAP ERP, Technology Consulting, and Data Science with proven cross-functional communication & leadership skills. Trained in data transformation and modeling skills

SKILLS

LANGUAGE AND DBMS

Python
SAP/ABAP
LaTeX
SQL
BigQuery
C/C++
MongoDB
AWS
Spark
VisualBasic
MATLAB
R

MACHINE LEARNING AND STATISTICS

NLP
Classification
Linear/Logistic Regression
Deep Learning
A/B Testing
Time Series

PYTHON PACKAGES

pandas
numpy
Scikit-learn
statsmodels
NLTK
gensim
scipy
xgboost
Beautifulsoup4
selenium
keras/tensorflow
pyspark

VISUALIZATION

Tableau
plotly
seaborn
matplotlib
Gephi

DATA SCIENCE PROJECTS

Deploying Neural Networks to Price Barrier Options

- Leveraged Artificial Neural Networks to build a model that estimates the market price of barrier options(Knock-In + Knock-Out) at closing
- The performance was compared against the Black-Scholes model, the de-facto standard for option pricing

Flu Shot Learning: Predict H1N1 and Seasonal Flu Vaccines

- Built a SQL database and a model pipeline to predict the probability of people taking new vaccine-based data from the H1N1 pandemic
- Evaluated multiple classification models including Logistic Regression, Native Bayes, K-Nearest Neighborhood, RandomForest, XGboost
- Leveraged Logistic Regression for final predictions (AUC score = 0.82)

Cut through the clutter - data driven estimation of market value of Soccer players

- Web-scraped data from multiple websites and conducted data cleaning, aggregation, and attribute construction
- Applied regression analysis including linear regression, lasso, and subset selection to predict the market value of the players based on player attributes

Natural Language Processing and Topic Modeling of Presidential Speeches

- Examined ~1000 presidential speeches using unsupervised machine learning
- Carved out 7 major topics using NLTK & Scikit-Learn NLP libraries (LDA, TF-IDF vectorizer) and analyzed them from a historical context standpoint
- Mapped the speeches on the subjectivity/polarity sentiment plot. Visualized dimensionality reduction with PCA and t-SNE

Interactive Apparel Recommendation Engine

- Built an interactive Streamlit app to capture user's product preference
- Leveraged Scikit-Learn NLP libraries(Counter Vectorizer, TF-IDF, Word2Vec) to recommend based on product details
- Leveraged Deep Learning(CNN) to recommend Apparel products based on the product image

Exploring Trends in New York Subway Ridership

- Using New York City's MTA data, conducted an analysis in Pandas to create a list of top subway stations to place a street team for a tech event.
- Visualized results in Matplotlib and Seaborn.

EXPERIENCE

Metis

San Francisco, CA - Remote
Jan. 2021 to Mar. 2021

Data Scientist

- Completed Metis that focused skills in programming, statistics, and machine learning.
- Designed, implemented, and presented five end-to-end data science projects, incorporating data acquisition and cleaning, database management, feature engineering, statistical modeling and inference, natural language processing, and visualization. **See projects section.**

Société Générale (SG)

Bangalore and Tokyo
Apr. 2017 to Oct. 2018

Associate Program Manager

- Managed planning & delivery of a ~5Mn Euro engagement for standardization of Futures and Options platforms to achieve lower transaction fees.
- Led cross-functional engagement impacting 40 applications across Sales, Risk, Front, and Back Office, with a daily volume of 25K transactions.
- Drove User Acceptance Testing, Migration Rehearsal & Change Management processes coordinating a team of 70.

Cedar Management Consulting International

Dubai

Technology Consultant

June 2015 to Jan. 2017

- Worked with leading banks in Dubai, Kuwait & Bahrain for the formulation of strategy & technology roadmaps and process improvement.
- Led business process re-engineering initiatives, gap analysis, program planning to drive 2x efficiency for various banking operations.
- Set competitive benchmarking and presented strategic insights to CXO's as part of project delivery.

HCL Technologies

Delhi

Senior Management Trainee

May 2014 to May 2015

- Built cross-functional pitches & bidding proposals for Enterprise Business including effort estimation, competitive pricing, and team sizing .
- Led a team of 3 analysts to build P&L, margin analysis of individual bids for new business acquisitions.

Deloitte Consulting (India/US)

Hyderabad

Technology Integration Consultant (SAP)

June 2009 to Jan. 2013

- Delivered SAP CRM solutions for Public Sector & Energy clients, drove 3% reduction in the cost of client orders.
- Consistently rated in the top 1% of the consultant cohort in Deloitte annual reviews 2010-2012.
- SAP trainer and Educator for Deloitte Campus Recruit group 2010-12; trained more than 150 consultants.

EDUCATION

University of New South Wales
MS Mathematics 2020

D3.js
dash

SP Jain School of Global Management
MBA Finance 2014

Malaviya National Institute of Technology
B.Tech Information Technology 2009