

ALBINA SITDIKOVA

DATA SCIENTIST

Summary

With an undying passion for Math and Science, Albina holds a bachelor degree in Computer science and is eager to pursue a full-time career in data science.

Experience

Metis Los Angeles, CA
Data Scientist Jan. 2021 to Mar. 2021

Completed a 9-week immersive data science bootcamp with a focus on Python programming, data engineering, machine learning, and communication. Designed and built five end-to-end projects to utilize data science in consumer market scenarios. **Selected works include:**

Hotel Recommendation System:

- Created recommendation engine(SVD) using TripAdvisor users rating
- Cold-start problem resolved using KNN
- Used Cloud Platform Colab to increase computing resources
- Developed a web app StreamLit to display 10 top hotel recommendations for different users

Resale Price Predictor for Designer's Handbags

- Predicted resale price for designer handbags using Linear regression with cross validation
- Scraped data from website rebag.com using Selenium and BeautifulSoup
- Found the most important feature of the bag that price depends on using LASSO regularization; achieved an 85% accuracy score

Analysis of Vogue Tweets

- Scraped around 9000 tweets using Twint from January - June 2020 to understand what Vogue write about in Twitter and how articles changed before and after beginning of pandemic
- Used natural language processing and topic modeling techniques to get recommendation for advertising companies for social media

Classifying Car Insurance Claims

- Compared performances of multiple classification models (KNN, Logistic Regression, Naive Bayes, Decision Tree, Random Forest, XGBoost) to predict whether client will claim car insurance next year or not
- Handled class imbalance using ADASYN
- The best result is f1 score = 9.5% using Logistic regression after adjusting and tuning

MTA Turnstile EDA

- Made a part of group project to analyze turnstile data and increase the participation of event
- Made EDA and visualization using Pandas, NumPy and Matplotlib

Q Management + Self Employed

Commercial Model Los Angeles
July 2018 to Dec. 2020

- Served as a fashion model and worked on campaigns for Zappos, Panera bread, Chili's, and La Marka brands

Exit 3 (Escape game)

Co-owner Ufa, Russia
Oct. 2014 to Oct. 2017

- Opened franchise gaming business
- Built interesting and popular escape room; created puzzles, worked on designs
- Designed surveys for participant feedback and made improvements accordingly

Contact

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Education

Ufa State Aviation Technical University, Ufa, Russia

BS Computer Science 2016

GPA: 3.65/4.0

Skills

PROGRAMMING

Python

SQL

HTML

LIBRARIES

Pandas

Sklearn

Scikit-Learn

NumPy

Beautiful Soup

Selenium

Statsmodel

DATABASES

Postgresql

VISUALIZATION

Matplotlib

Seaborn

Tableau

MACHINE LEARNING

Linear Regression

Classification

Natural Language Processing

Cross Validation

Model selection

Collaborative Filtering

Web scraping

OTHER

Git

Colab

StreamLit

LANGUAGES

Russian