Data Analyst

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Skills

- Technical skills: **Python** (Pandas, NumPy, SciPy, Scikit-learn, NLTK, MatPlotLib, Seaborn, Plotly), **R** (dplyr, tidyverse, tidyr, ggplot2), **SQL** (SQLite, MySQL, SQLServer), Data visualization in **Tableau** and **Power BI.**
- Data Modeling and Predictive Analytics: machine learning algorithms and statistical techniques such as logistic regression, decision trees, neural networks, random forests, hypothesis testing, A/B testing, and sentiment analysis.
- Ability to work with large datasets and perform data cleaning, data wrangling, data mining, and data analysis tasks.
- Strong problem-solving and analytical skills, proficient communication, and teamwork abilities.

Work Experience

Data Analyst – Freelance   October 2022 – Present

Skilled in extracting valuable insights from extensive datasets across various domains, with expertise in data analysis, statistical hypothesis testing, predictive modeling, and data visualization, demonstrated through the following projects:

- Diabetes: EDA, hypothesis testing, predictions with Python
  Analyzed 250k+ medical records to identify key factors affecting diabetes using EDA and hypothesis testing. Developed predictive models with 75% accuracy, improving early diabetes detection and management.
- Reviews: Sentiment, Topic Modeling, Clustering with Python
  Analyzed 20k hotel reviews, achieving 85% sentiment prediction accuracy. Conducted topic modeling and clustering, facilitating targeted service improvements and enhancing customer satisfaction.
- Real Estate Data Analysis Using SQL and Tableau
  Analyzed 200k+ USA real estate entries using SQL, revealing insights on property prices and trends. Created an interactive Tableau dashboard for informed decision-making, aiding in better property valuation and investment strategies.
- Insurance Charges: Exploratory Data Analysis and Predictions with R
  Explored insurance charge data to understand cost drivers and correlations. Developed an 86% accurate linear regression model for cost optimization strategies.

Flight Attendant - Qatar Airways - Doha, Qatar   June 2019 – March 2022

- Developed problem-solving and communication skills while working in a fast-paced international environment, and demonstrated the ability to make quick and informed decisions in high-pressure situations.
- Seconded to Customer Service, Social Media Team during the pandemic, leveraging strong analytical skills and data-driven approaches to support customer inquiries, resulting in a 10% increase in customer satisfaction.

Customer Account Specialist – 2GIS, Software Company (Equivalent of Google Maps in Russia) December 2015 – January 2019

- Managed and maintained data for key customers, ensuring 99% data accuracy and integrity. Implemented marketing campaigns within the application and supported international branches in the UAE.
- Performed data analysis tasks to optimize communication channels and address key customer concerns, resulting in a 15% increase in customer engagement.
- Engaged in data-driven decision-making to develop and implement targeted key customer service strategies, resulting in a significant increase in customer satisfaction scores by up to 30% and a reduction in customer complaints by 20%.

Founder – Stylish, Online Store – Novosibirsk, Russia   April 2011 – November 2015

- Established and managed an online store, leveraging data analysis techniques to identify market trends and growth opportunities, resulting in a 50% increase in annual revenue within the first two years of operation.
- Developed and implemented data-driven pricing strategies based on market demand and competitive analysis, achieving a 15% increase in profit margins, and honing skills in approaching complex problems with a logical and structured mindset.

Education

- Specialist Degree in Management (Master's Degree equivalent), Novosibirsk State University of Economics and Management, Russia, 2008-2013. Grade: 4.7/5.0.

Certifications

- Professional Certificate in Learning Python for Data Science - Harvard University (edX), 2024.
- Data Analysis with Python (FreeCodeCamp, DataCamp), 2023.
- R Programming - John Hopkins University (Coursera), 2022.
- SQL for Data Science - University of California, Davis (Coursera), 2022.
- Professional Certificate in Google Data Analytics – Google (Coursera), 2022.