

Anastasiya Igonina

<https://www.linkedin.com/in/an-igonina/> | <https://anastasiyaigonina.github.io/>

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**.
- Expertise in managing large datasets, performing data cleaning, transformation, mining, and exploratory data analysis to solve complex business problems.
- Experience in hypothesis testing, A/B testing, sentiment analysis, and developing predictive models (e.g., logistic regression, decision trees, random forests, neural networks) to support decision-making.
- Strong analytical and problem-solving skills, proven ability to communicate data insights effectively, and collaborate with cross-functional teams.

Work Experience

Data Analyst - Freelance - New York, NY

October 2022 – Present

Experienced in uncovering valuable insights from large datasets across industries, with strong skills in data analysis, statistical hypothesis testing, predictive modeling, and visualization. Proven expertise through a series of impactful projects, recognized on Kaggle (bronze medal, over 9,000 views, 200+ forks):

- **Diabetes:** EDA, hypothesis testing, predictions with Python
Conducted exploratory data analysis and hypothesis testing on 250k+ medical records to identify key factors affecting diabetes. Built predictive models with 75% accuracy, supporting early diabetes detection and management.
- **Reviews:** Sentiment, Topic Modeling, Clustering with Python
Performed analysis on 20k hotel reviews, achieving 85% accuracy in sentiment prediction. Conducted topic modeling and clustering to drive service improvements and enhance customer satisfaction.
- **Real Estate Data Analysis Using SQL and Tableau**
Analyzed 200k+ real estate records using SQL to uncover property price patterns and trends. Developed an interactive Tableau dashboard, enabling data-driven decisions for property valuation and investment 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

- Master's Degree in Management, Novosibirsk State University of Economics and Management, Russia, 2008-2013.

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.