

Julia Bukato

Data Scientist



julia.bukato@gmail.com



+46 793 555 232



LinkedIn



Portfolio



Stockholm, Sweden



Experienced **Data Analyst** and **Scientist** skilled in project management, business analysis, and UX/UI design. Speak **English** and **Swedish**.

Proficient in **analysis**, **communication of insights**, and collaborating with cross-functional teams to provide valuable **predictions** and recommendations.

Possess an innate desire to learn and improve, natural curiosity, creativity, and a commitment to thorough and **methodical approach by trial and error**.

Key Skills

STATISTICS

DATA ANALYSIS

DATA VISUALIZATION

MACHINE LEARNING

FACILITATION

COLABORATIVE PROBLEM SOLVING

Key Technologies

PYTHON

SQL

PANDAS

SCIKIT-LEARN

TENSORFLOW

PYTORCH

MATPLOTLIB

SEABORN

NLTK

GIT

Experience

PROJECTS & TIMELINE

DESCRIPTION

Electricity
Consumption
Forecast (SE)

Oct 2023

Supervised Machine Learning (Time-Series Data Prediction).

Objective: Daily forecast of electricity consumption in Sweden for 2022 ([check presentation](#)).

Potential Business Impact: more **accurate budgeting** and potential **cost savings**.

Final Model **R² Score: 0.96, MAE: 9.94**.

Data Source: **Vattenfall**.

Land Usage Classifier

Oct 2023

Deep Transfer Learning (Image Recognition).

Objective: develop land use classifier trained on satellite images ([check presentation](#)).

Results: **95% accuracy, 0.03 loss** on test data.

Applications: **urban planning**, natural catastrophe prediction, precision agriculture.

Energy Generation
vs Consumption

Sep 2023

Objective: **Comparative Analysis** of Energy Generation and Consumption done by Sweden, Germany and Poland during 8 recent years ([check presentation](#)).

Results: Sweden is a leader in transition to renewables, Germany is a leader in total production.

Applications: **energy policy development, informed investment decisions**.

Other Analysis
and ML Projects

Dec 2021— Sep 2023

Projects dedicated to different topics, done using various analytical and machine learning tools.

Key fields: **insurance, marketing**, sport, temperature prediction, **housing prices, sentiment analysis of reviews** ([check portfolio](#)).

Shift Partner

Apr 2019 — Dec 2021

Objective: Implement an effective **nurse recruiting app** for hospitals.

Result: app was launched and still works in several hospitals of London.

Shift Partner & NHS

Apr 2020 — Dec 2021

Objective: Quickly implement a solution for **vaccination and COVID/FLU testing**.

Result: app was launched and still works in many hospitals and nursing homes of London.

Employment

COMPANY & TIMELINE

DESCRIPTION

Codex Software

Dec 2017 — Dec 2021

As **Project Manager**: managed 2 teams of 4-9 people, on-site and remotely. As **Business Analyst**: extracted and analysed requirements and created tech documentation of business and user requirements. As UX/UI designer: delivered mock-ups for 5 projects. Clients' domain spheres: **HR systems** and **public health, printing & publishing**.

Education

Nod Bootcamp

Aug 2022 — Oct 2023

Data Analytics Coding Bootcamp

Codecademy

2021 — 2022

Data Analytics and Data Science Courses

The complete list of certificates can be found on my [LinkedIn](#) page.

BSU

2012 — 2017

Specialist's degree