

# Cover Letter

---

I am Valdimar, currently working as a Data Scientist at the Housing and Construction Authority of Iceland. I have a background in Economics, Statistics and Data Science. I graduated from the University of Iceland in 2019 with a BSc. in Economics and in 2020 from the University of St Andrews with a MSc. in Data-Intensive Analysis, achieving the highest grade classification possible.

At my current role, I primarily focus on developing and maintaining statistical models for predicting property prices in Iceland. Additionally, I conduct data analysis for economical reports using R and Python. For those tasks I use R and SQL to manipulate data and generate plots that provide insights into the current status of the housing market in Iceland.

At Maven my focus was on Data Engineering, working on end-to-end data warehouse management using Azure. I created ETL pipelines, usually fetching data from APIs and storing them in SQL databases. I was also involved in integrating the data warehouse with git and creating CI/CD pipelines. In addition to that I was involved in creating interactive dashboards for visualising data using Power BI.

At Genuity Science I worked with genetic and phenotypic data. My main task is identifying causal relationships between genotypes and phenotypes using cutting edge statistical and machine learning algorithms. I also assisted researchers with data cleaning and visualization using tools such as R and Python. In addition to my technical responsibilities, I also regularly performed demos of my work for my coworkers communicating the implications of my analyses.

I am passionate for data and possess strong skills in R, Python, SQL and Nextflow. My expertise include data manipulation, data visualization, statistical modelling and machine learning. I am experienced in using packages in R and Python such as dplyr, ggplot2, tidyr, mgcv, pandas, matplotlib, scikit-learn, keras and tensorflow. Additionally, I am a proficient programmer, I regularly use programming languages such as JavaScript and Dart for websites and app development.

Currently, I am seeking a new challenge and aiming to move abroad to broaden my horizons. My strong background combined with my diverse skill set in data science, statistics and programming makes me an ideal candidate in these fields. I am a solution-oriented individual who works hard and is not afraid to tackle difficult problems. I excel in working with numbers and data and am always eager to learn new things. For examples of work that I have done you can take a look at my portfolio <https://vthr2.github.io/ferilskra/>. Feel free to contact me at any time if you want to know more at (+354) 693-4456 or valdiragnars@gmail.com.

Best Regards,  
Valdimar Thor Ragnarsson