



# Tomas Janik

## Lead Data Scientist

February 2023

- VMware UK
- +44 75 212 33772
- tomas.janik.uk@gmail.com
- tamasjanikds
- tomasjanik

## About me

As a Full-stack Data Scientist with over 15 years of experience, I have a broad toolbox to approach data challenges. I have extensive expertise in programming languages such as R and Python, and I am skilled in utilizing various data visualization tools such as Excel and Tableau to communicate insights to stakeholders. In addition, I have experience with containerization technology such as Docker and Kubernetes, enabling me to deploy machine learning models and applications seamlessly. I strive for automation and efficiency in every project, and I am well-versed in end-to-end deployment and best practices in Machine Learning Operations. Furthermore, I have experience in various frameworks and technologies that facilitate machine learning development and deployment, such as TensorFlow, PyTorch, and Scikit-Learn.

## About me

- Internally-motivated developer with innovative problem-solving skills with MLOps focus.

## Work Experience

- |      |   |                                   |
|------|---|-----------------------------------|
| 2019 | Quote to Cash (Project)   | Lead Data Scientist @ VMware UK   |
|      | <ul style="list-style-type: none"><li>This project is an end-to-end machine learning solution that uses advanced algorithms to predict whether a quote is likely to be converted into a sale. Leveraging large amounts of historical data and sophisticated feature engineering techniques, the model is able to accurately predict the likelihood of a conversion, providing valuable insights to sales teams and helping them to focus their efforts on the most promising opportunities. The project is designed to be highly scalable, with a modular architecture that allows for easy integration into existing systems and workflows. Overall, it is a powerful tool for businesses looking to optimize their sales processes and drive growth.</li></ul>  |                                   |
| 2017 | Forecasting Framework (Project)   | Senior Data Scientist @ VMware UK |
|      | <ul style="list-style-type: none"><li>This project is an end-to-end machine learning solution that predicts thousands of time series, broken down by product and territory, and is used in dashboards for executives across the organization. By leveraging advanced time-series modeling techniques and machine learning frameworks, the project provides accurate and timely forecasts, enabling executives to make data-driven decisions and optimize operations. The implementation of the solution has resulted in increased efficiency, reduced costs, and improved performance across the organization.</li></ul>  |                                   |
| 2015 | Internal systems audit  | Data Scientist @ VMware UK        |
|      | <ul style="list-style-type: none"><li>As part of my role, I was responsible for auditing internal systems and identifying gaps in integration across databases, storage, and machine learning platforms. By analyzing the systems' architecture and identifying key areas for improvement, I developed recommendations for solutions that would improve system efficiency and enable better data management. The project involved collaborating with cross-functional teams to identify the root cause of the integration issues and developing strategies to address them. The recommendations I provided helped to improve system performance, streamline data management, and better integrate databases, storage, and machine learning platforms. Overall, my work on this project helped to enhance the organization's technological capabilities and improve its overall data management practices.</li></ul> |                                   |

## Education

- |             |  |                           |
|-------------|--|---------------------------|
| 2014 - 2016 | Master of Science in Data Analytics    | University College Dublin |
|             | Dublin, Ireland                        |                           |
| 2013 - 2014 | Professional Diploma in Data Analytics | University College Dublin |
|             | Dublin, Ireland                        |                           |
| 1999 - 2004 | Information Technology                 | University of Economics   |
|             | Bratislava, Slovakia                   |                           |