

# Timothee Nkwar

## Junior Data Scientist

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 [github.com/TimotheeNkwar](https://github.com/TimotheeNkwar)     Male     <https://timothee-data.data>

## Timothee Nkwar

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I am a Data Science (Student) enthusiast who loves exploring data, building machine learning models, and creating insightful visualizations. My passion lies in transforming raw data into actionable insights and deploying scalable solutions.

## Educational Background

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**Bachelor of Data Science**, *Cyprus international University*  
Student

## Hard Skills

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### Statistics & Probability

Strong foundation in statistical analysis and probabilistic models.

### Machine Learning

Scikit-learn (supervised and unsupervised learning)

### Databases

SQL (PostgreSQL, MySQL, SQLite3)

### Big Data with Pyspark

### Canva

### Programming

Python (Pandas, NumPy, Scipy, Dask), R (ggplot2, dplyr)

### Data Visualization

Tableau, Matplotlib, Seaborn, Plotly

### Web Apps

Streamlit for building interactive data applications.

### Google Cloud BigQuery

## Personnal Project

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### Laptop EDA with Python

- Performed an exploratory data analysis (EDA) on a dataset containing laptop specifications and prices.
- Cleaned, visualized, and generated insights to assist in pricing decisions.

### Predicting Gender Based on Features (Height, Weight, etc.)

- Developed a classification model to predict gender based on various features like height and weight.
- Utilized machine learning techniques for accurate predictions using Scikit-learn.

### Detecting Outliers Using Interquartile Range (IQR)

- Applied the IQR method to detect and remove outliers in a real-world dataset.
- Improved data quality and model performance by handling anomalies effectively.

### Detect Fraudulent Transaction

- This project involved building a fraud detection system for credit card transactions, using machine learning techniques (Random Forest) to identify potentially fraudulent activities in a highly imbalanced dataset

### Netflix Movies Dashboard

- Developed an interactive dashboard to visualize various attributes of Netflix movies.
- Enabled users to explore trends in movie ratings, genres, and more using Tableau.

## Certifications

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### **Probability and Statistics for Business and Data Science - UDEMY Certificate**

Gained a solid foundation in statistics and probability, with hands-on experience analyzing real-world data to support strategic, data-driven decisions.

### **Python for Data Science and Machine Learning Bootcamp**

Completed a comprehensive bootcamp focused on using Python for data analysis, visualization, and machine learning

### **IBM Data Science**

Coursera Data Science Certification earned through Coursera, covering essential skills in Python, data manipulation and visualization, introductory machine learning, with a hands-on project analyzing real-world data to apply learned concepts

### **Agile Project management**

Focused on Agile principles, iterative project planning, and the use of frameworks such as Scrum and Kanban to deliver continuous value in dynamic environments.

### **Professional Google Advances Data Analytics**

This certification validates advanced skills in data analytics, including expertise in statistics, applied machine learning, data modeling, and the use of Python to solve complex data-driven business problems.

### **The Complete Python Bootcamp From Zero to Hero in Python**

This bootcamp strengthened my ability to write clean, efficient Python code and prepared me to tackle real-world programming challenges.

## Soft skills

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- Analytical skills
- communication
- time management
- teamwork
- problem-solving
- adaptability