

Sabin Hashmi

PhD Researcher

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🔗 [GitHub.com/sabinhashmi](https://github.com/sabinhashmi)

Scientific interests

- Data Analytics
- Machine Learning
- Deep Learning

Skills

- Data Science and Analytics
- Machine Learning
- Deep Learning
- Python and C++
- SQL
- PyTorch
- Tableau
- Flutter and Dart
- Comsol Multi-Physics
- Research

Current Project

Oct. 2020 – Present **Building Machine Learning based Trigger System for LHCb, CERN**

Experience

Mar. 2021 – May. 2021. **Junior Data Scientist**

KopKopi, Gdansk

Business Optimisation and Research

Education

Oct. 2020 – Present. **Ph.D Researcher**

AGH-University of Science and Technology, Krakow, Poland

Specialisation : AI and ML Applications in Particle Physics

Aug. 20219 – Feb. 2020. **Post-Graduate Diploma in Data Science and Engineering**

Great Lakes Institutes of Management, Bangalore, India

Project : Customer Profiling for Loan Optimisation for Bank Systems.

Aug. 2013 – Jul. 2018. **Integrated Masters in Physics**

Central University of Tamil Nadu, Thiruvavur, India

Thesis : FEM - Microwave Diathermy

Publications and Conferences

- Pattern Formation of Dried Droplets of Milk During Different Processes and Classifying them using Artificial Neural Networks.
doi: <https://doi.org/10.1080/01932691.2021.1880927>
- XXVIII Cracow Epiphany Conference 10-14 Jan. 2022

Projects

- Building Advanced Machine Learning Models for High-Level Trigger Systems, LHCb
- Dried Droplet Pattern Recognition using Artificial Neural Networks.
- Customer Profiling for Loan Optimisation for Bank Systems.