

CERTIFICATE OF COMPLETION

Rudransh Shekhar

Has successfully completed the online course:

Machine Learning for Earth Systems Modelling
Course 2 Architectures, Data, and Prediction

23 hours

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Module 1 Foundations of Machine Learning for Weather Prediction
Module 2 Neural Architectures for Atmospheric Dynamics
Module 3 From Data to Model
Module 4 The deterministic AI Forecasting Systems (AIFS)
Module 5 Probabilistic Prediction
Module 6 Evaluation Frameworks & Benchmarking
Module 7 Anemoi: A European Framework for Data-Driven Weather Forecasting
Module 8 Community voices & Wrap-up

Organised by the **European Centre for Medium-Range Weather Forecasts (ECMWF)**, as the entrusted entity of the **Destination Earth Initiative**. Contracted to **Wageningen University and Research (WUR)** and **Karlsruhe Institute of Technology (KIT)**.

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Florian Pappenberger | Director General
European Centre for Medium Range Weather Forecasts

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