



**Tier 1 – Machine Learning in  
Weather & Climate**

up to 13 h 30 min

**Tier 2 – Concepts of  
Machine Learning**

up to 12 h

**Tier 3 – Practical Machine  
Learning applications  
in Weather & Climate**

up to 14 h 30 min

# Certificate of Completion

**Ismail Melili**

has successfully completed the

**MOOC Machine Learning in Weather & Climate**

(up to 40 hours)

January – April 2023

organised by  
the European Centre for Medium-Range Weather Forecasts (ECMWF)  
in partnership with  
the International Foundation Big Data and Artificial Intelligence  
for Human Development (IFAB)

Florence Rabier  
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