

Technical requirements

1. We would require MLOps frameworks to put in production such type of models. 2. It would be important to consider a machine learning architecture to integrate the different data sources with the different stages of the production phase. 3. Continuously monitoring of model performance and data distribution. 4. Real-time or near-to-real-time responses, depending of the final bussiness goal, e.g. reduce the bad quality of air by locations, hours, etc. 5. Track the different models in order to mabage the manage machine learning lifecycle; 6. A/B Testing to verify that different models in fact preserve suitable metrics in real-world scenarios; 7. Integration of different data sources;traffic, industrial outputs, and social media.