



Climate Change Impact Mitigation Tool

V1.0

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“Preempt Climate Risk and avoid losing profitability because of climate change!”

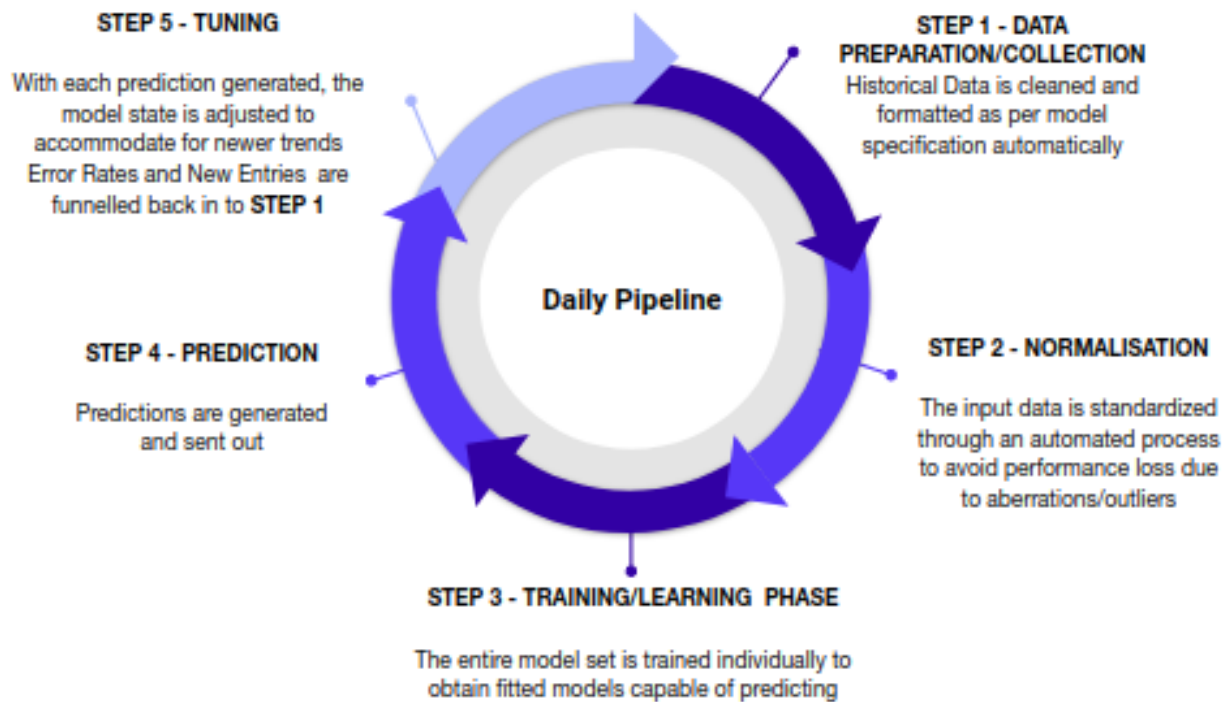
CogniTensor's Climate Change Impact Mitigation Tool supports key stakeholders in their journey of predicting and understanding how climate risks affect key aspects of their business through Artificial Intelligence powered strategies.

The solution enables organisations to integrate Business and Sustainability KPIs to reliably indicate business output. This tool has been developed in collaboration with one of India's leading environmental consulting firms, ThinkThrough Consulting, providing critical domain expertise on Sustainability, thereby developing a Dynamic Decision Support Tool.

KEY FEATURES AND CAPABILITIES

- Links climate related risks to inputs, processes, and outputs on the raw materials procurement.
- Visualizes vital correlational analyses of important business KPIs and relevant input parameters like rainfall, temperature, etc.
- Provides a user interactive forecast feature for a "what-if" analysis on future climate scenarios.
- Recommends actionable insights classified for individual business units based on various compliances and regulations in the sustainability domain.
- Allows decision makers to anticipate future change to compliance requirements also taking into account projected organisational growth.
- Helps businesses preemptively adapt their key processes to mitigate climate change.
- Mitigates climate change impact thereby boosting reputation, legal standing and investor confidence.

Machine Learning Process Overview



About CogniTensor

At CogniTensor, we have created a blueprint technology called DeepOptics which provides faster development and deployment to power AI/ML applications by bridging the gap between development and production teams. This enables us to build and deploy fully customizable and end-to-end AI/ML applications to tackle various key business tasks.

CogniTensor is bringing in a monumental shift with the development of a collaborative MLOps environment that combines version control of data, machine learning models and other aspects that fall under the realm of MLOps.

Using the DeepOptics platform, CogniTensor has a suite of ready to deploy applications in various sectors. These applications have been deployed for various organisations and continue to see growing interest ever since.