

I-DAIR CODEX: Codeless Experience AI/ML Software



Reduce the complexity and the learning curve of using ML/AI

Reduce the need for specialist Data Scientist know-how

Speed up the process of ML/Al adoption



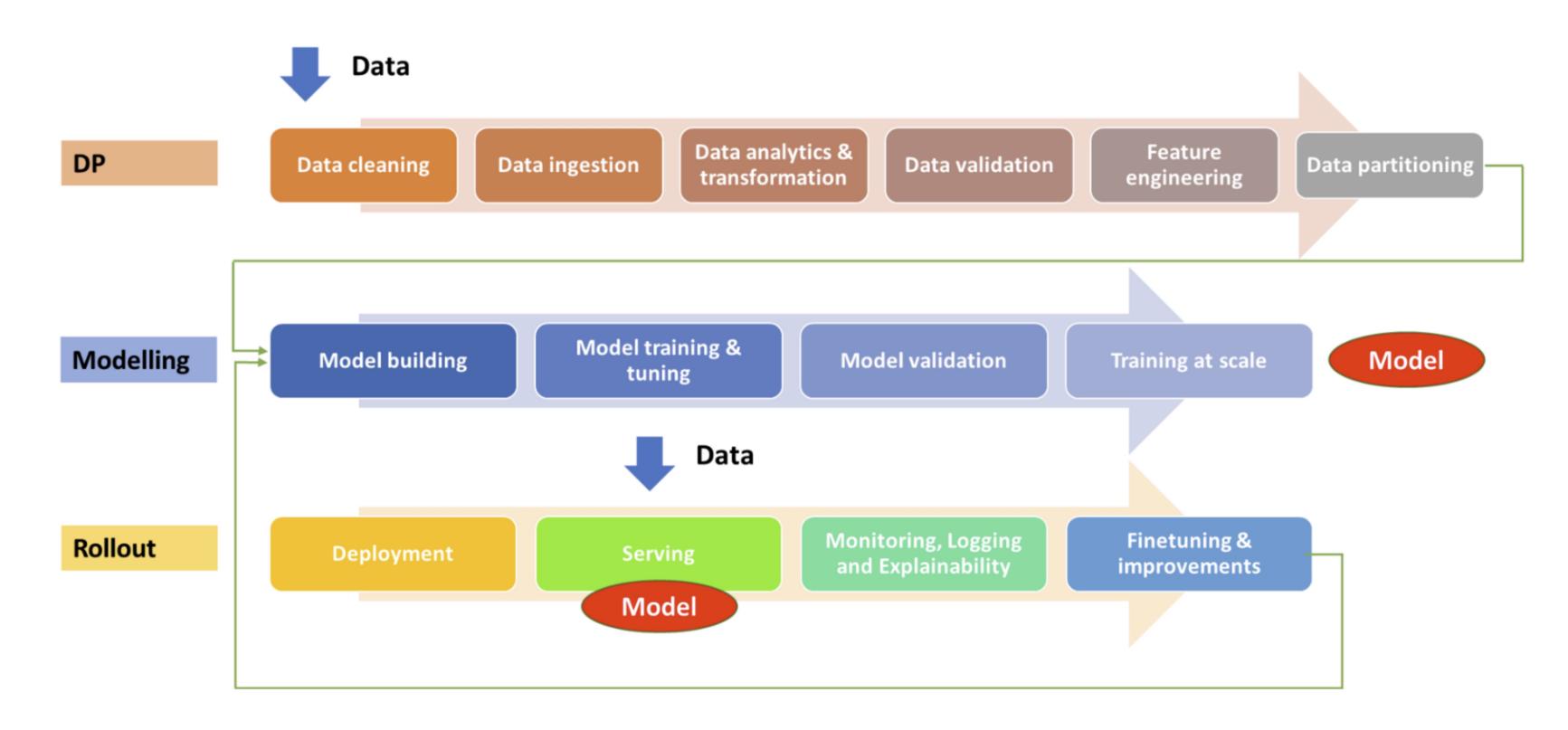
I-DAIR CODEX Overview



- Tailored ML/AI analytics geared towards easily gaining insights from structured data sources such as health and demographic surveillance sites (HDSS)
- A federated learning approach where the researchers can train and deploy their model using their own data which remains local, with an option of further sharing between collaborators
- Full automation of the entire AI/ML pipeline, allowing users to iterate through the whole data exploration, model training, deployment and prediction process much faster
- Built-in collaboration capabilities which allows researchers to invite and add collaborators to a specific project, hence fostering interdisciplinary collaboration and allows experts from diverse fields to work together seamlessly
- Support for iterative exploration and experimentation, enabling researchers to refine their methodologies and adapt to evolving research needs efficiently.

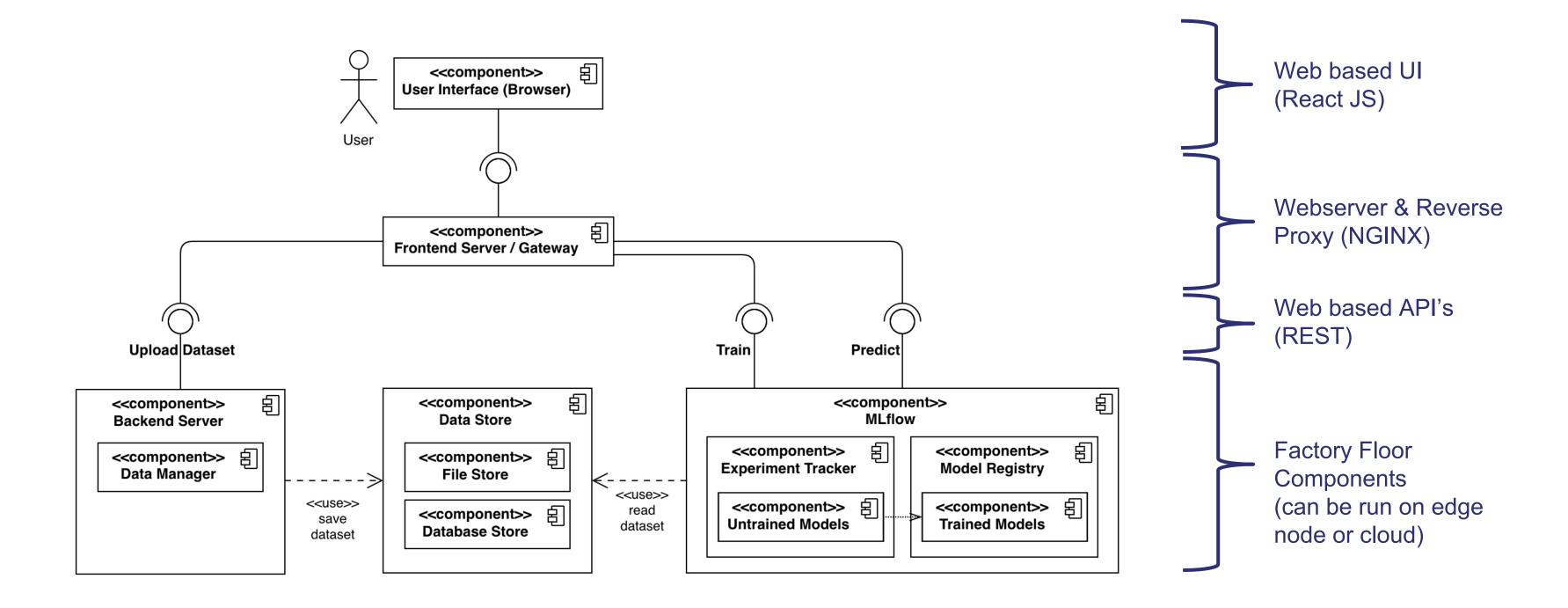
End-to-End ML Platform (CODEX) - ML Lifecycle





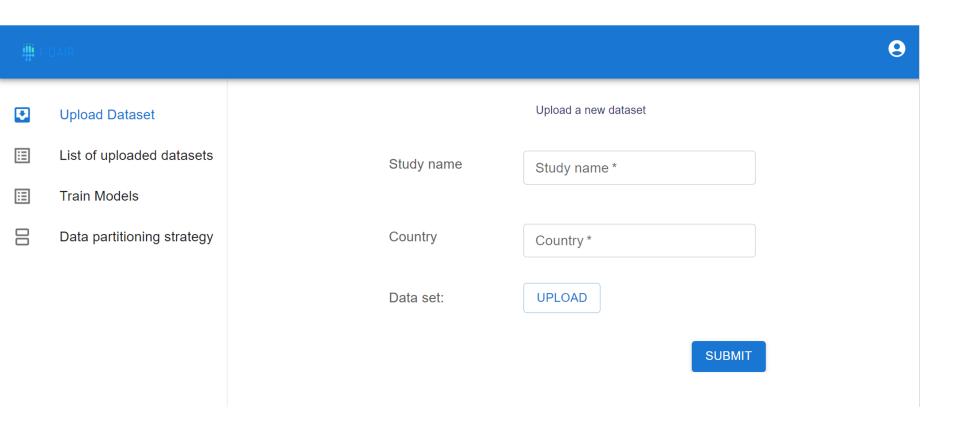
Architecture: Logical Component Diagram

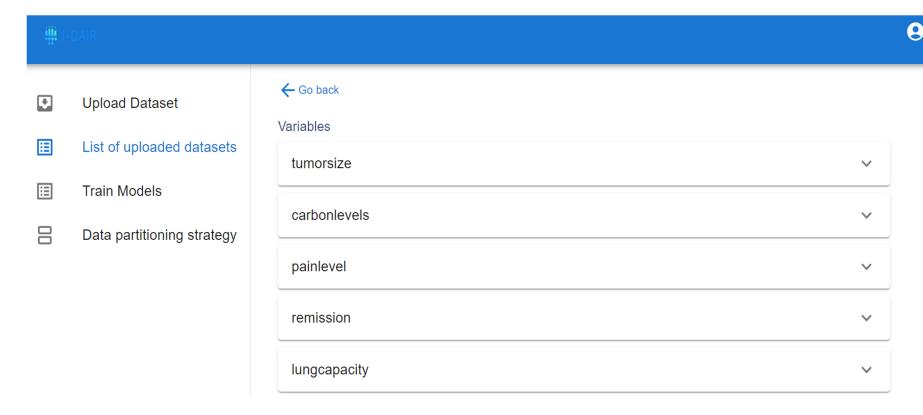


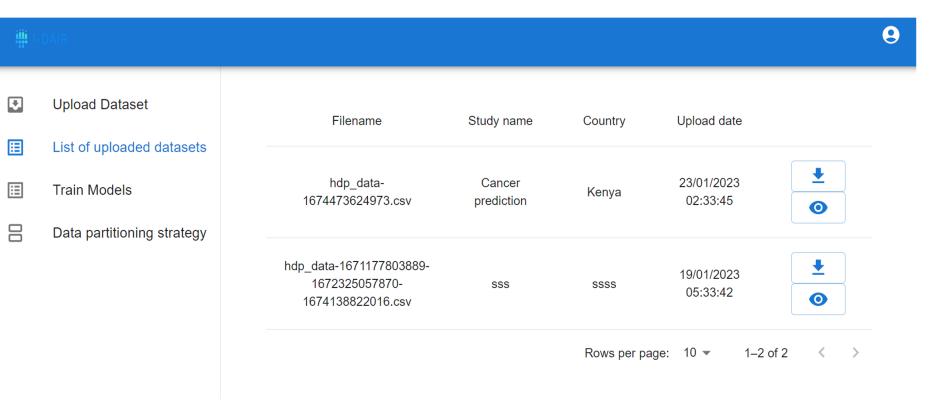


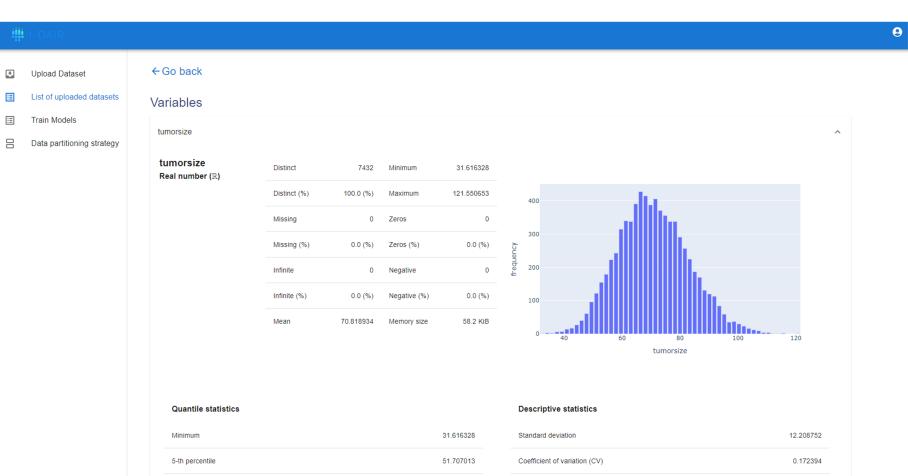
End-to-End ML Platform (I-DAIR CODEX)





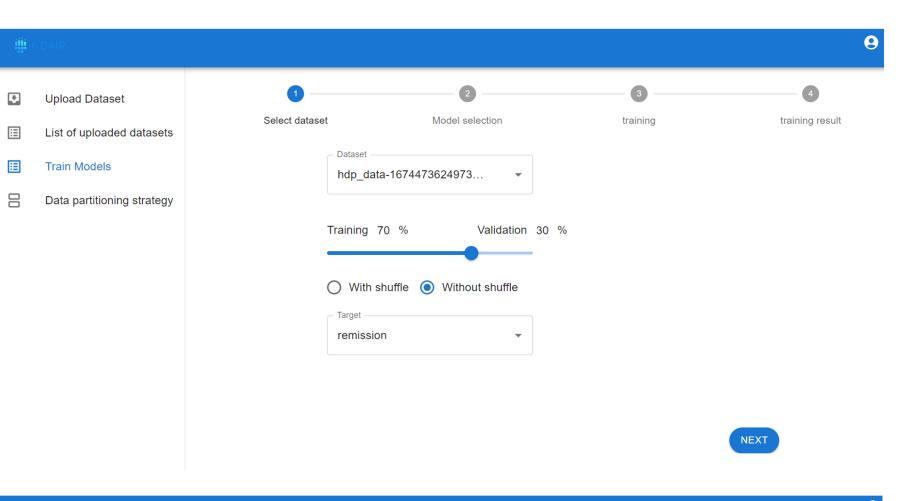


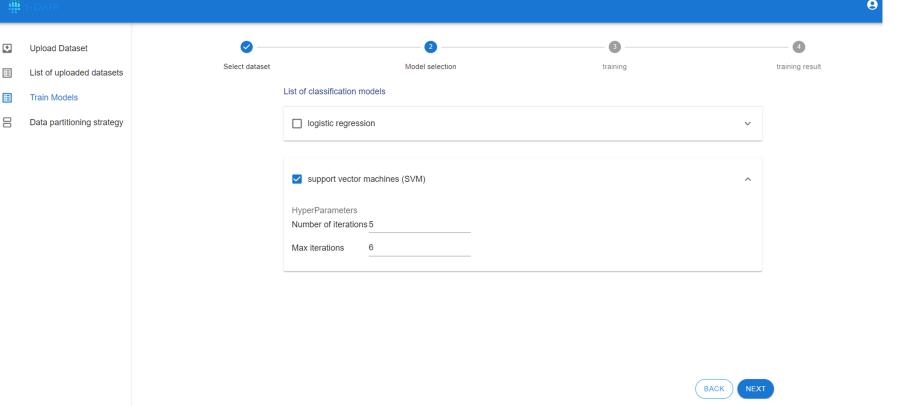


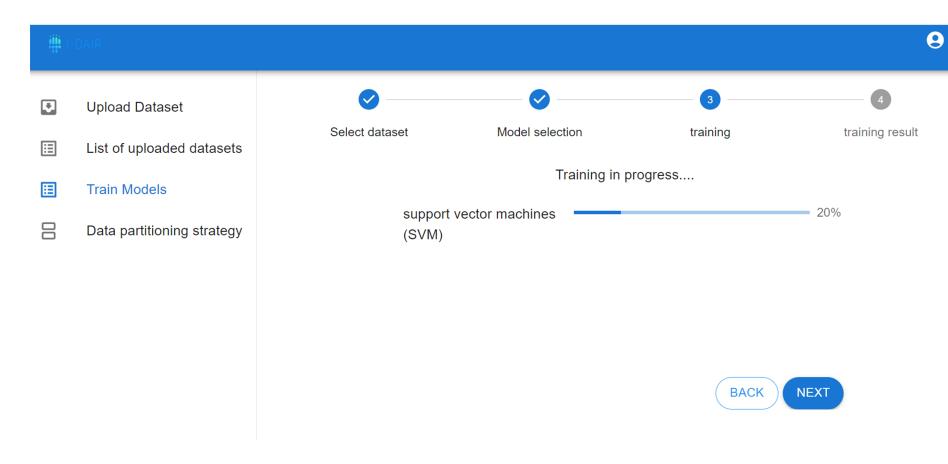


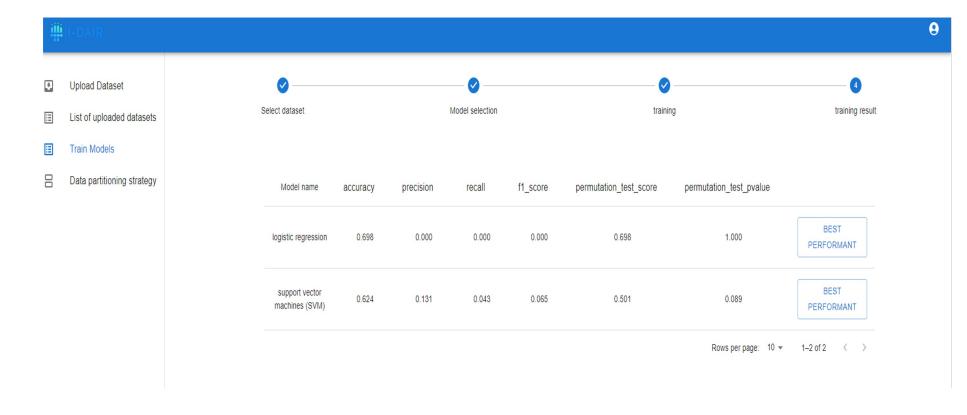
End-to-End ML Platform (CODEX)













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