

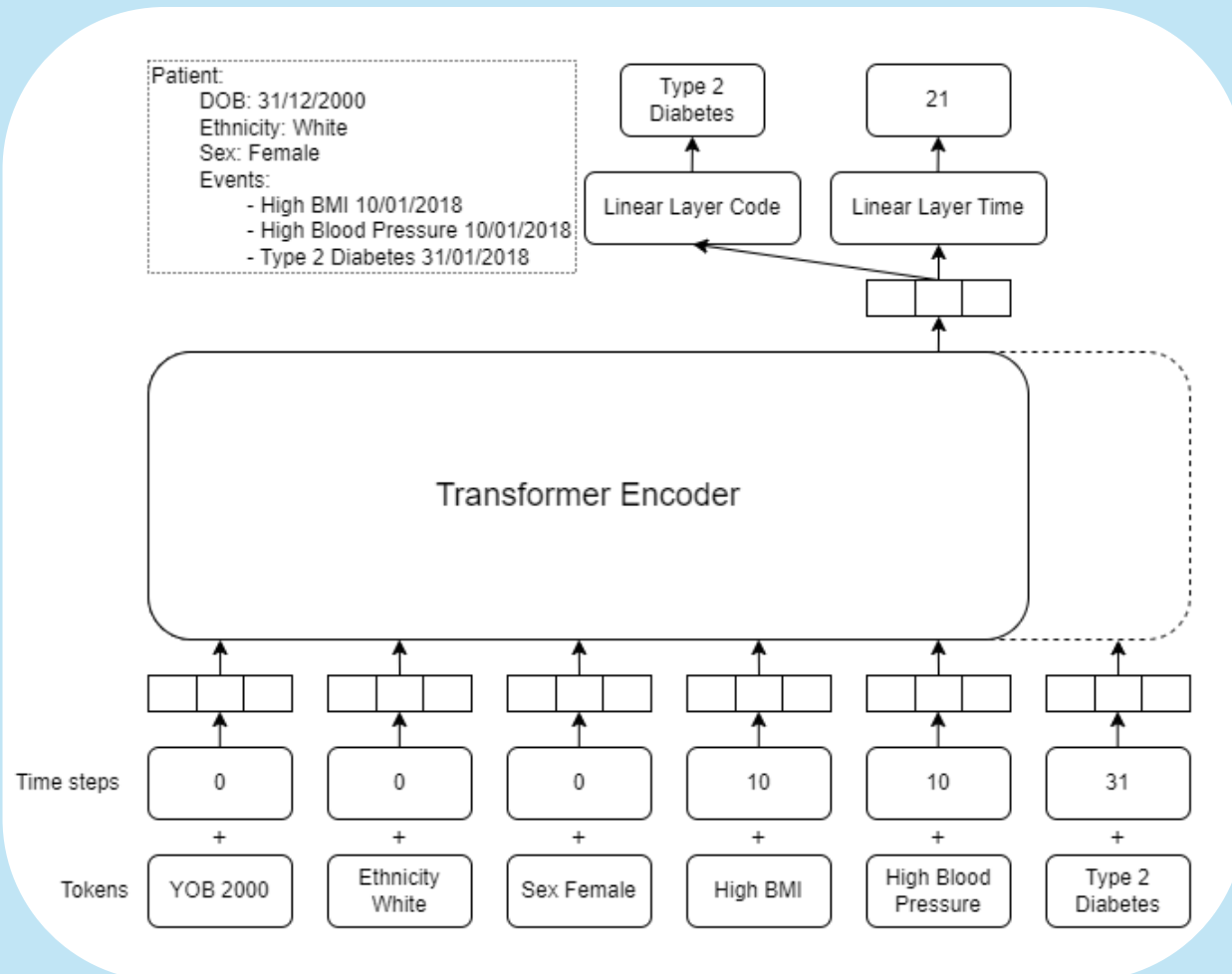
A Foundational Disease Progression Model: Built Using Generative AI and a Nation's Data



UK Research
and Innovation



databricks



The concept has been shown to work at the hospital level¹

- Data 1 -> 60 million patients
- Model 0.01 -> 7 billion parameters

Applications:

- Hospital planning
- Preventative care
- Synthetic clinical trials/counterfactuals

¹ Kraljevic, Zeljko, et al. "Foresight-Deep Generative Modelling of Patient Timelines using Electronic Health Records." CoRR (2022).