

Analysing and Deriving Meaningful Insights from Data

NHS Blood and Transplant (NHSBT) engaged Ancoris to analyse anonymised donor data to derive insight based on the data presented.

The challenge

Ancoris was asked to establish an ML model using anonymised donor data, as well as publicly available data for establishing correlations, characteristics, or insights into the data, as well as demonstrate the benefits of the google cloud solutions vs the current architecture. The current stack used within NHSBT wasn't capable of efficiently managing the large datasets.

The solution

NHSBT were limited to certain machine learning models within their current stack and performance tuning and updating the models required significant resources from the team. Within 3 weeks, Ancoris established a Data Warehouse using Google BigQuery, Data Build Tool ("DBT"), BigQuery ML, Vertex AI and Auto ML. Creating a single patient view utilising the data across public health services.

The results

Ancoris created models with a fit of 85% and were able to showcase the key levers that impacted the model back to the NHS. The information gathered by Ancoris will help the NHS improve its donor records in the hope to be able to better support more patients in desperate need in the future.

“ To have the knowledge of Ancoris to help support us at every step of the journey has been amazing. Ancoris truly are a partner that we hold in the highest regard ”

Mutahar Ali, Head of Data Management



Blood and Transplant

About NHS Blood & Transplant

NHSBT helps people do something extraordinary - donate blood, organs, tissues or stem cells to save someone in need.

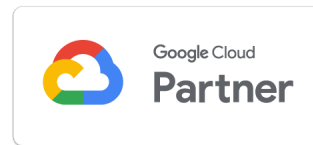
Industry: Healthcare & Life Sciences

Primary project location: United Kingdom



About Ancoris Limited

Innovate and transform through the use of Google Cloud.



Products

Google Cloud Platform