Ishango.ai

Omniscient Neurotechnology Case Study

> *"The work done by the Ishango.ai team led to useful insights for our company. Having now seen it first-hand, there's no doubt that Africa has excellent and untapped Data Science talent, capable of delivering real business value."*

Hugh Taylor
Senior Data Scientist at Omniscient Neurotechnology

The Client

**O M N I S C I E N T
N E U R O T E C H N O L O G Y**

Omniscient Neurotechnology(o8t) is delivering practical and intuitive software solutions to connect pioneers in neurosurgery, neurology, and neuroscience with subject-specific brain analytics. Now, through enterprise-grade machine learning platforms, Omniscient is bringing connectomics (big data for the brain) to the front lines of both clinical therapy and scientific research.

Project Brief

The goal of the project was to better understand the impact of demographics on mental illness and the implications for training predictive models to diagnose mental health conditions. This entailed exploring the relationship between the demographic variables, the disease, and the connectomic data.

Project Outcome

The key outcome of this project was a more in-depth understanding of the relationship between demographics, mental health conditions, and connectomic data. This will be used to train predictive models that can accurately identify and understand mental health conditions. Additionally, this project was able to provide insights on the root causes of mental health diseases that can be used for preventions and treatments.