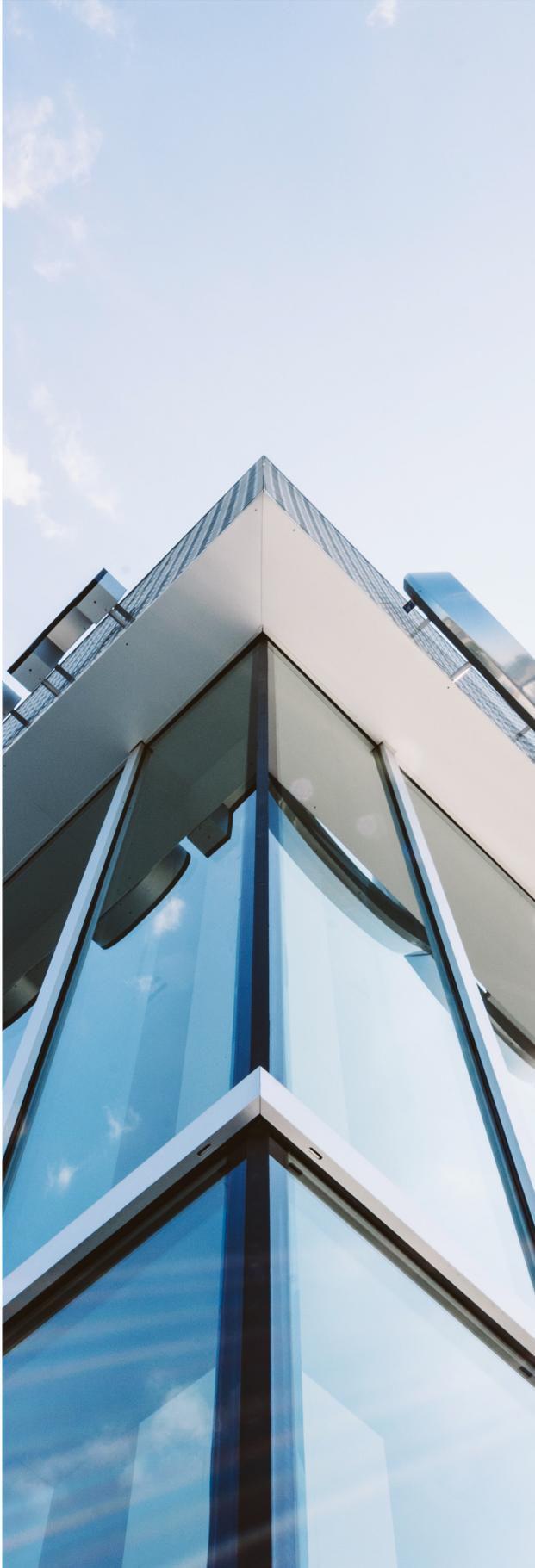




HEALTH CARE CASE STUDY



CHALLENGES

To leverage the benefits of the latest technological advancement, and to always sustain the top position, our client wanted their US, Ireland and India-based teams to have data science and AI knowledge.

The client being one of the most reputed health care and insurance companies, they wanted a secure access to the training with strict firewall restrictions”

SOLUTION

Our customer was an American multinational healthcare and insurance company, which is the largest insurance company by net premium. The main reason for the customer to opt for this training program was to enhance the performance of their healthcare system so that they can continue to contribute towards improving the overall health and well being of the people.

Big data trunk was partnered for the high-end technology expertise in the AI space. We at Big Data Trunk are engaged to create technology offerings with a custom learning roadmap related to data science and AI.

We always strive for providing training to our clients with an emphasis on complete satisfaction with newer technology. Our team at Big Data Trunk did several scoping calls with the subject matter expert and management team of the client in order to understand their need and to customize the training program accordingly.

After multiple rounds of discussions, we designed the training program such that it covered all the dimensions of the technology at the same time the training content engaged the audience in the process of learning. Following topics were covered during the training:

1. Byte size ML basic series: This session was specifically curated to understand the basics of AI and ML. Following topics were covered during the session:

- The basic concept of machine learning
- Various steps to be followed in typical machine learning development and the tools involved
- Build a simple machine learning model

2. Data science and image processing for health care: This session was designed to help the client to learn to extract innovative and actionable insights from healthcare-related data and medical imaging. Topics covered during this session:

- Prepare and explore healthcare related datasets using primary tools of data science
- Address the quality and challenges of healthcare data
- Understanding the impact of data science on medical diagnosis, prognosis, and treatment
- Use data science approach to evaluate and learn from healthcare data
- Use deep learning and tensor flow to interpret and classify medical images

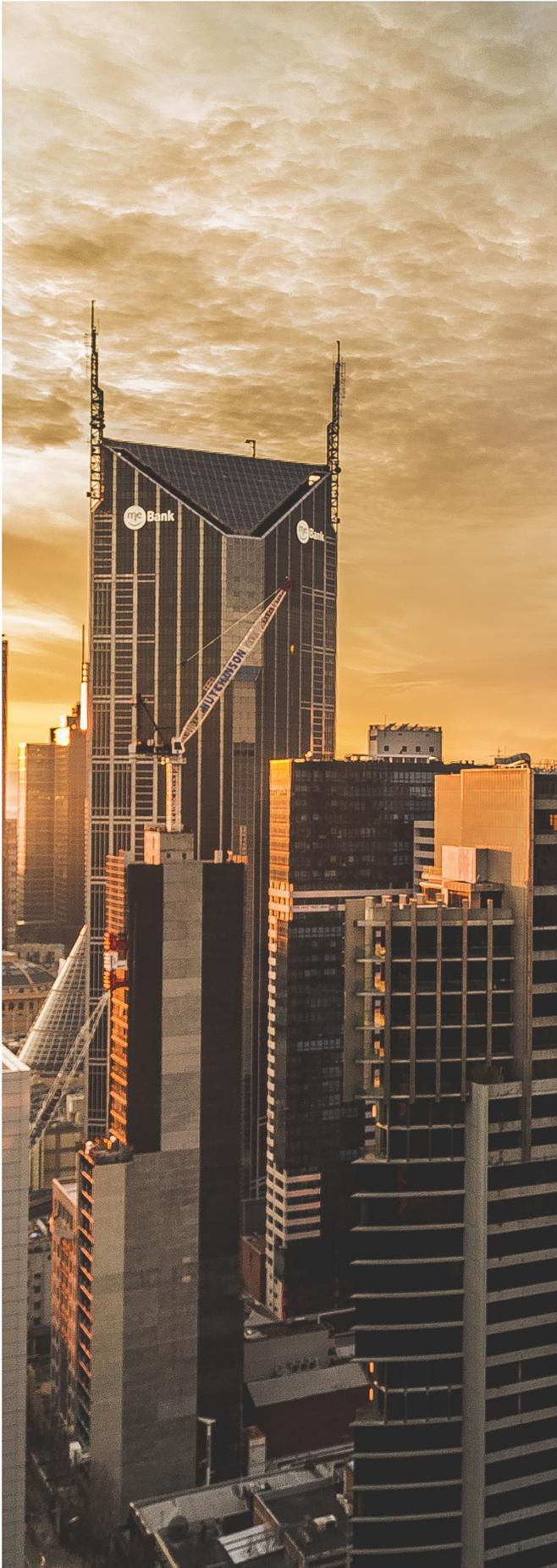




3. Artificial Intelligence for Text, NLP and forecasting:

The purpose of this session was to enable all the health care professionals to build models for texts, natural language and other sequence data. Topics covered during the session:

- Compare AI vs ML vs DL
- Understand Tensor Flow and Keras
- Understand sequence algorithms
- How to implement natural language processing
- Understanding fundamental techniques through AI Demos and hand on labs.



SUCCESS OUTCOME

Along with taking care of the learning need of the client we also took enough care for their security requirement by using virtual lab environment provision for each student. The customer obtained the following benefits after attending the training session:



Innovation: The immense knowledge provided by the Big Data Trunk training helped the customer to address several interesting cases using image processing and NLP.



Global Reach: The customer was able to offer healthcare services in various countries without compromising the quality.



Engagement: The training content was engaging and ensured complete customer satisfaction about the learning.



Industry relevance: Big Data Trunk continued to follow-up with the client for industry case studies, projects and learning which added value to the customer satisfaction.

Learn more about how **Big Data Trunk** can help you to accelerate innovation through high quality corporate training.

Visit : www.bigdatatrunk.com

Mail : training@bigdatatrunk.com

Call : [+1-415-484-6702](tel:+1-415-484-6702)