Pricing Optimisation



HSBC facilitates US\$760B of trade annually. We aim to develop a POC which can provide real-time, flexible pricing options.

Collateral Optimisation



Develop a hybrid quantum-classical POC to optimise allocation of collateral in the most cost effective way.

QRNG for Monte Carlo



Use quantum random number generation (QRNG) to improve Monte Carlo Simulations in stochastic modelling.

Quantum Machine Learning



Use Quantum Machine Learning algorithms to improve fraud detection rate.

Quantum Key Distribution



A method of key exchange which is secure against quantum attack.
Aim to set up QKD based protocols between two locations.