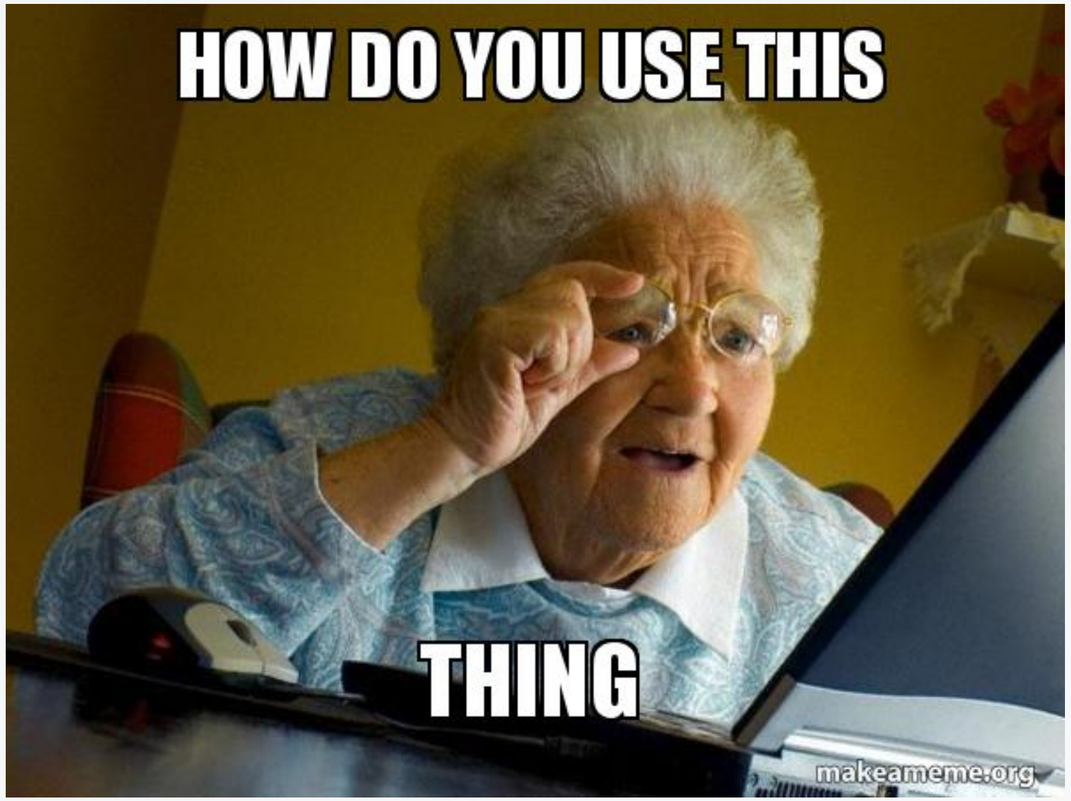
QUANTUM-POWERED DECISION-MAKING IN FINANCE



Developing a quamntum benchmaking strategies to connect quantum machine learning potential use cases to finance

In the modern business landscape, success rely on adapting to emerging technologies like quantum machine learning.

The challenge lies in a lack of accessible information on quantum computing's performance, hindering informed decisions for business leaders and policymakers.

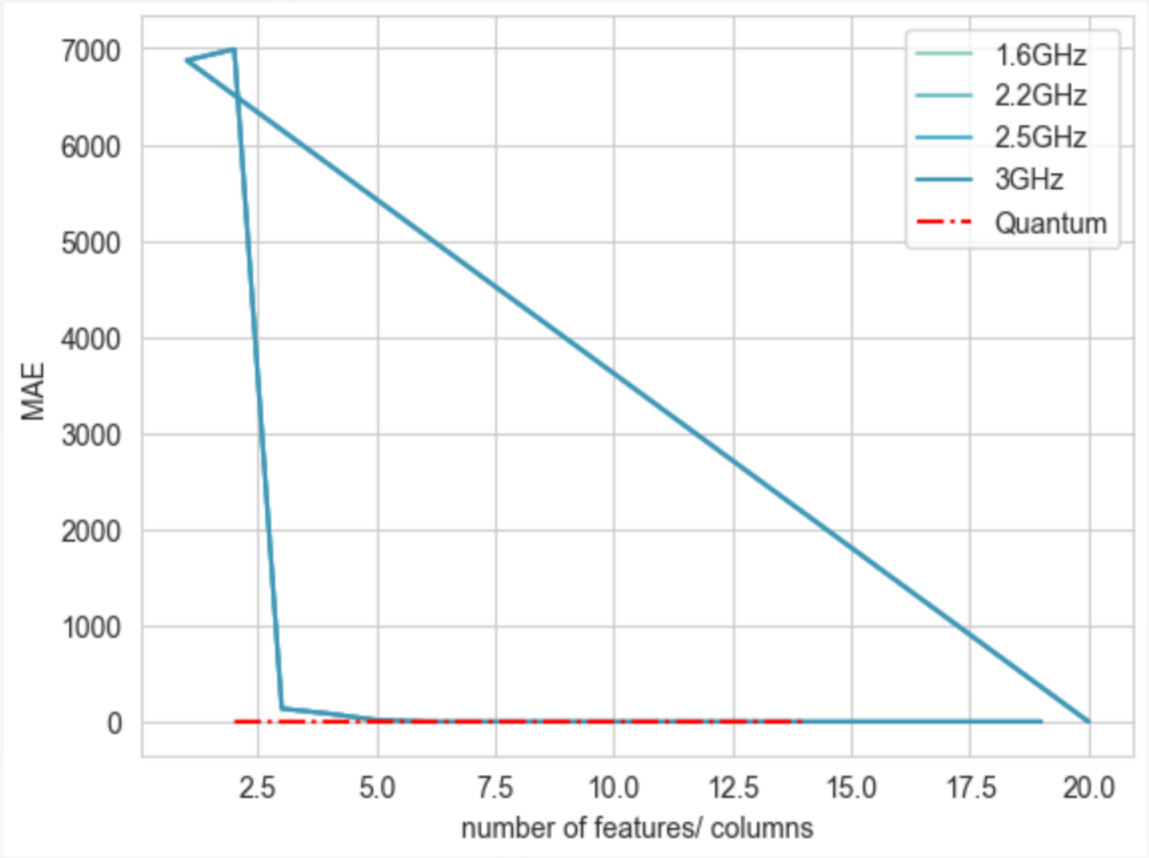
So what is the solution?

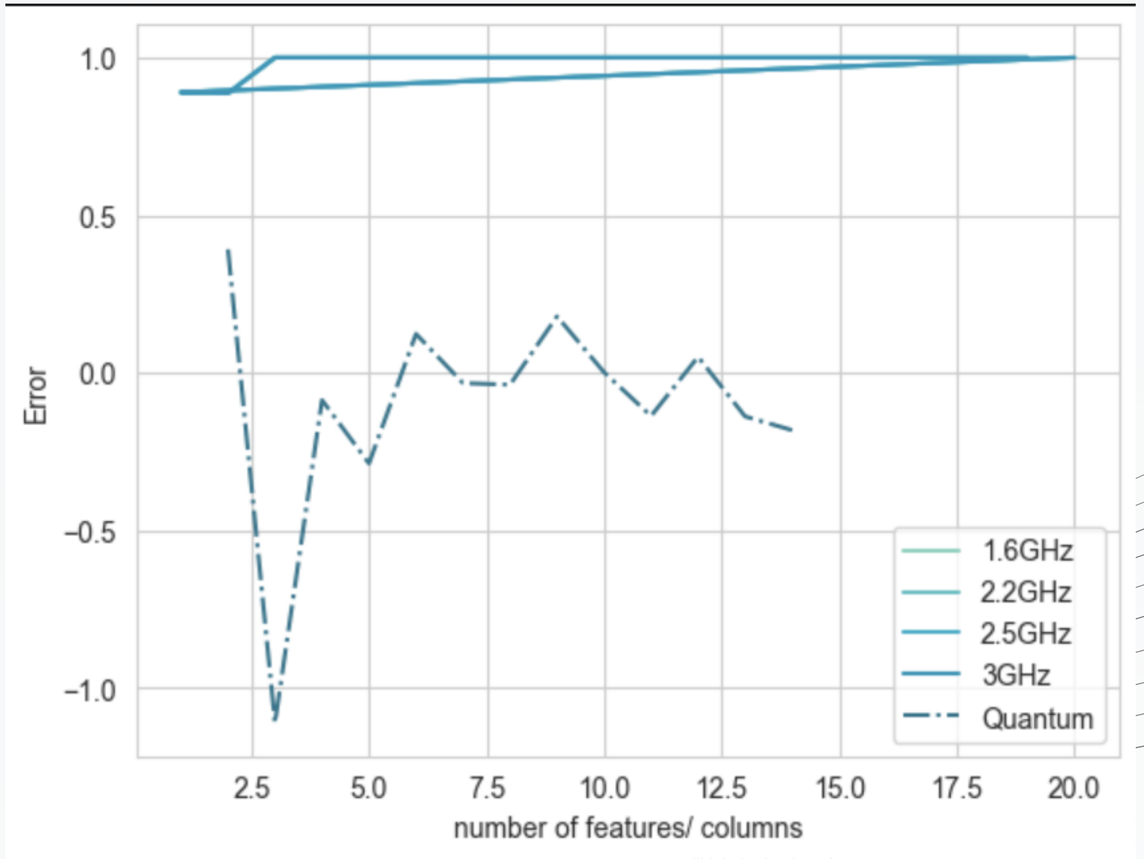
- Our solution is to compare the performance of QML vs ML to help financial institutions/Businesses in making the best use of QML by identifying the right quantum technologies to scale their businesses

- The primary objective is to identify a means by which quantum computing can be effectively employed to address and enhance financial decision-making processes.

Significant results

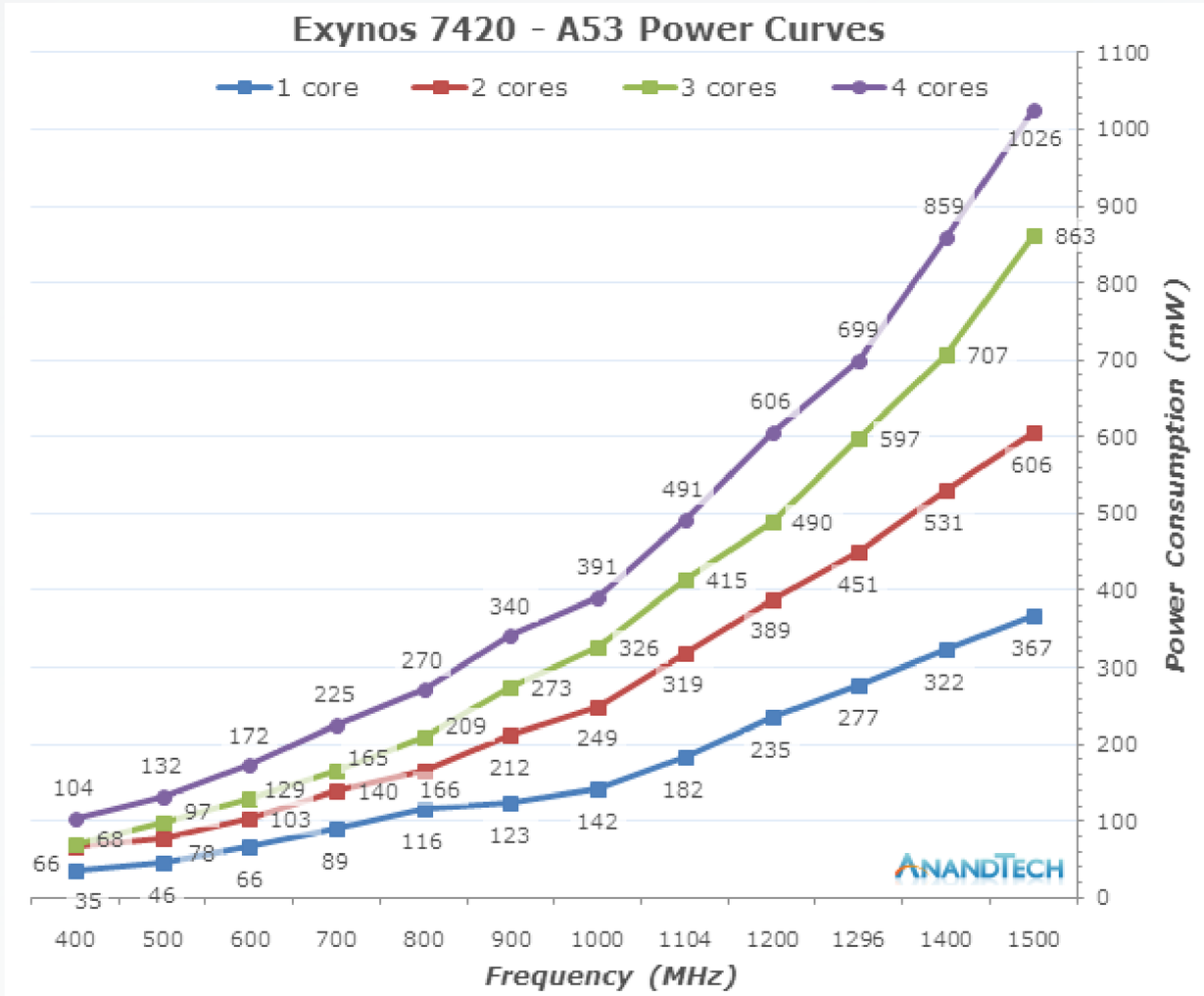
Singapore central bank real state data





Quantum Advantages

- To double the computational speed you need double the amount of processors
- In quantum computers the power increases exponentially with the number of qubits
- Most powerful quantum computer uses 30KW
- Most powerful superdonducting computer uses 30MW



Market Opportunity

- The Quantum Machine Learning Market was valued at USD 613 million in 2022
- It is projected to reach USD 5000.43 million by 2030. The market is anticipated to expand at a CAGR of 30% over the forecast period.

Sam Daived

Mechanical Engineer,
Software Developer

Akash Malemath

Physics postgrad,
Qiskit Advocate

Aya Lahsini

Chemistry/material
engineering