The Quantum Sprint

Your own team, your own use cases: evidence on your data in eight or ten weeks.

qubit-lab.ch

No quantum expertise needed on your side, no transformation programme. Your data science and quant team tests three to four of its own use cases on ready-to-use quantum prototypes, working with us every week, every result measured against strict classical benchmarks. Evidence, not promises.

0 Sprint 0 · Foundation

week 1, or 1–2 for a new team

Your team learns the craft and plans the work with us.

For a team new to quantum, week one is the Quantum Capability Kickstart: five hands-on half-days from qubits to the algorithms that matter in finance. Then planning together: the use cases, the question each should answer, the data, and who takes what.

- A backlog of three to four of your own use cases.

1 Sprint 1 · Exploration

three weeks

Every use case runs once on the platform, measured against its classical referee.

Your team loads its data as an Excel workbook; seven ready-to-use prototypes cover portfolio optimization, index replication, credit and collateral allocation, feature selection, classification and derivatives pricing. Half a day together every week: what ran, what it showed, what comes next.

- One report per run; if classical wins, the report says so.

2 Sprint 2 · Deepening

three weeks (four if new)

After a full-day review at halftime, the team works on what Sprint 1 showed.

Other settings, another method, a run with realistic noise, or a run on real quantum hardware where a use case calls for it. Synthetic or anonymised data is enough; platform runs are processed in the Google Cloud region Zurich, an optional IBM hardware run by IBM, outside Switzerland.

3 Review and way forward

final week, 2–3 days

A written result for management, presented with your team.

With your team: every use case against the backlog, and a retrospective. With management: what was tested, how quantum compared with the best classical method, use case by use case, and the options from here.

How it starts

30 minutes	A free call to pick the use cases and the team.
Fixed scope	Eight weeks for an experienced team, ten for a new one; fixed price, agreed up front.
One counterpart	Swiss-based, hands-on, from the first session to the final report.

Scan for studies, run records and sample reports

qubit-lab.ch | contact@qubit-lab.ch