Hub projects example – Rio: a cloud-based real-time market monitoring tool

**Real-time financial data**
- FX primary venues
- Secondary and/or other FX venues
- FX volume data
- Government bonds
- Proprietary CB data
- Other data

**Stream processing engines**
- Cleaning/fILTERING
- Limit order book reconstruction
- LIQUIDITY and risk measurement

**Event streaming platform**
- Raw data
- Clean data
- Enhanced data
- Visualisation data

**Real-time alerts**
- Dashboard
- Market liquidity
- Market risk
- Trading activity

**Data storage**