

Blockchain Technologies

Decentralized Finance

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Useful resources for data analytics

CryptoCompare API

<https://min-api.cryptocompare.com/documentation>

On-chain data

API by project developers

- ▶ XRP Ledger

<https://xrpl.org/http-websocket-apis.html>

- ▶ Compound

<https://compound.finance/docs/api>

Graph Protocol

<https://thegraph.com/explorer/subgraph?id=0x0d69090672c1e5a94e9aedfbc59558d18a78e1d3-0&view=Playground>

Google BigQuery

<https://console.cloud.google.com/marketplace/browse?filter=solution-type:dataset>

Infura

<https://infura.io/>

ethereum-tools

<https://github.com/danhper/ethereum-tools>

- ▶ AAVE

<https://governance.aave.com/>

- ▶ Boardroom

<https://app.boardroom.info/>

- ▶ Tally

<https://www.withtally.com/>

- ▶ snapshot

<https://snapshot.org/>

Other data sources

Wharton Research Data Services

<https://wrds-web.wharton.upenn.edu/wrds/>

S&P Global Market Intelligence

<https://platform.spgi.spglobal.com>

UCL high performance computing

<https://www.ucl.ac.uk/isd/services/research-it/research-computing-platforms-service>

Useful resources for this course

For essays

diagrams.net

<https://www.diagrams.net/>
professional, clean, beautiful diagrams

Mendeley

<https://www.mendeley.com/>
bibliography organizer
both desktop app and browser extension recommended

Overleaf

<https://www.overleaf.com/>
online TeX editor for collaboration
use university credential for premium functions: track changes, sync Mendeley

For coding tasks

Github

<https://github.com/>

code storage, collaboration, version control

Visual studio code

<https://code.visualstudio.com/>

open source IDE

Useful extensions:

- ▶ Solidity
 - ▶ <https://marketplace.visualstudio.com/items?itemName=JuanBlanco.solidity>
- ▶ Prettier
 - ▶ <https://marketplace.visualstudio.com/items?itemName=esbenp.prettier-vscode>
 - ▶ <https://github.com/prettier-solidity/prettier-plugin-solidity>

Thank you!

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References

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