

Chess Opening Analyser

Chess.com has an Api with multiple endpoints. Including monthly games, tournaments, players, etc in json format

<https://www.chess.com/news/view/published-data-api>

study with maybe some useful links to data <https://rdpena.github.io/chess/>

-> this could get us a lot of games with opening annotation by great players

Found a paper with some analysis of openings through data scraping in Downloads as 881.pdf

Nature article about "Quantifying the complexity and similarity of chess openings using online chess community data" <https://www.nature.com/articles/s41598-023-31658-w>

Database with annotated games <https://database.lichess.org/> everything is open source with many gb of data.. but in pgn (standard chess game recording format) format, eco code for opening and name for opening are also included

stockfish, a chess engine <https://github.com/official-stockfish/Stockfish> might be useful for position analysis

paper with position analysis,

https://www.ai.rug.nl/~mwiering/GROUP/ARTICLES/ICPRAM_CHESS_DNN_2018.pdf