Free Forex Dataset Comparison

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| --- | --- | --- | --- | --- | --- | --- |
|  | FXCM | Oanda | TrueFX | Fixer.io | World Trading  Data | Exchange Rate  Api |
| Easy to use | **hard** | **hard** | **easy** | **very easy** | **very easy** | **very easy** |
| Realtime  (bid-ask-mid) |  |  |  |  |  |  |
| Intraday  (OLHC) |  |  |  | **(only OC)** |  |  |
| Historical |  |  |  |  |  |  |
| Level of details |  |  |  |  |  |  |
| Time Range | **1.1.2016 - now** | **1.1.2007 - now** | **1.1.2019 - last 2 months** | **1.1.1999 - now** | **1.12.2003 - last 2 days** | **4.1.1999 - now** |
| Instruments | **13 major currency pairs** | **70 major currency**  **pairs** | **27 major currency pairs** | **170 - 3 market**  **Base currency: EUR** | **150 - 3 market**  **(any pairs in 150)** | **32 - 3 markets**  **Base currency: EUR** |
| Additional  Features |  | **Indices, commodity,…** |  | **bitcoin, gold, silver** |  |  |
| License |  |  |  | <https://fixer.io/terms> |  | **MIT** |
| Data Source |  |  |  | **15 banks + financial firms** |  | **Liquidity pool of ECB** |
| Limitation | **2 request/s/ symbol** | **100 request / s**  **2 connection / s** | **no limit request** | **1000 request/month** | **250 request/month**  **only daily rate** | **only daily rate** |
| Trading Simulation |  |  |  |  |  |  |
| Protocol/Format | **HTTP/Pandas DF** | **HTTP/JSON** | **HTTP/JSON,CSV,HTML** | **HTTP/JSON,CSV** | **HTTP/JSON,CSV** | **HTTP/JSON** |

**\* Alternative:**

**- ECB offers also API for getting more data information, however, it need sometime to understand how to interact with the SDMX  
 protocol.**

**- QuantConnect also offer zipped FXCM dataset with large time range for download with price of 0.00$.**