Sam Berrisford

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PROJECTS

[Twitter Sentiment NASDAQ Strategy](#) — *Python*

Python script analysing Twitter sentiment data to construct a stock portfolio strategy. Calculating engagement ratios, it ranks stocks monthly, and selects top performers. Historical stock prices are retrieved using YFinance, and portfolio returns are computed with monthly rebalancing. Using matplotlib it visualizes cumulative returns over time when compared against the NASDAQ-100 index

[Keltner Channel Outlier Script](#) — *PineScript*

TradingView indicator developed to overlay icons on a price chart highlighting when price moves above or below the Keltner Channel, signaling potential reversals back to the median. Used in conjunction with discretionary methods it has proven useful in identifying mean reversion trade opportunities.

Data Collection & Analysis — *University Dissertation*

Developed a public questionnaire, utilising both qualitative and quantitative methodologies. Collated and processed through IBM SPSS using a two-way ANOVA test to reveal relationships between variables. The SPSS Modeler was also used to process the qualitative data collected and perform a thematic analysis to find any observable trends in language used.

WORK EXPERIENCE

Appamondo, Remote — Service Delivery Analyst

JANUARY 2024 - PRESENT

Oversee projects from conception through to testing (Unit, Integration, System and UAT). Work in close collaboration with Service Delivery Manager and stakeholders to ensure operational efficiency.

PACE Digital Sales, Remote — *Business Development Representative*

MAY 2022 - DECEMBER 2022

Working remotely as a BDR for Hammer (Infovista) I had to work within tight deadlines and consistently achieve my KPIs. I built strong relationships with senior personnel of FTSE 100 companies, securing meetings for Hammer.

Bedfordshire Police, Bedford — *Special Constable*

JULY 2020 - JUNE 2021

During the voluntary role I took part in Multi Agency Operations e.g. IT, Cybersecurity & Dog Unit at Luton Airport. I also honed many skills in conflict resolution, collaboration, report writing and debriefing.

EDUCATION:

Solent University, Southampton — BA (Hons) *Criminology, 2:1*

Exeter Senior School, Exeter — *GCSE's*

4 A*s (ICT, Physics, Chemistry, Biology), 5 As (Maths and English) and 1 B (Art)

PROGRAMMING:

Python - Numpy, Pandas, MatPlotLib & YFinance

SQL & MySQL

HTML & CSS

PineScript

Harvard CS50

TRADING EXPERIENCE:

Futures (ES, NQ, DOW)

Scalping & Mean Reversion

Support & Resistance

Technical Analysis

Geopolitics & Economics

TRADING PLATFORMS:

- **Sierra Chart**
- **Ninja Trader**
- **MetaTrader 4**
- **TradingView**
- **Rithmic RTrader Pro**