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IN A NUTSHELL

VISIONFX is a systematic short term FX signal dataset designed to quantify directional market pressure across major currency pairs using structured price behavior, regime context, and conviction logic.

Each signal is expressed through a directional view, long or short, supported by signal time, entry reference, invalidation logic, expected holding period, conviction score, and performance tracking fields.

The delivery of **VISIONFX** is a regular stream of short term FX signals on selected major currency pairs. Signals are designed for shorter horizon workflows, typically evaluated from daily model runs, with exits driven by the end of the holding window, invalidation, or stop logic.

USE CASES

- **Short term directional feature:** The signals are added to the firm's feature library as short horizon directional indicators across major FX pairs, supported by conviction, signal timing, and invalidation logic.

- **Trade timing overlay:** Existing FX views are checked against the model's direction and confidence to improve entry timing, reduce weak trades, and prioritize signals with stronger short term confirmation.

- **Intraday and daily risk control:** Positions are monitored against the model's direction, invalidation logic, and short term pressure state to identify when exposure is aligned, opposed, or losing support.

- **Strategy filtering:** Existing FX models are evaluated inside and outside the model's signal states to measure whether performance improves when trades align with the dataset.

DELIVERY METHODS

- Delivery is primarily structured through **R2**, the preferred channel for institutional clients requiring automated, reliable, and compliant data ingestion. Integration supports direct pipeline delivery with full version control, making it the recommended starting point. Quant Atlas also supports **S3** bucket delivery for teams operating within **AWS**-native data pipelines and **API** access for custom retrieval workflows. PDF and workbook reports are available for product validation and committee review.

- Core dataset outputs can be delivered in **CSV** or **JSON** format, depending on whether the client prefers tabular research files, systematic ingestion, or platform integration.

- The granularity and update frequency depend on the product and the selected asset universe. Some datasets are designed for hourly delivery, while others are more suitable for daily or slower institutional workflows. Frequency can be increased or reduced based on the client's requirements, provided that the change does not materially reduce signal quality, data stability, or validation reliability.

PERFORMANCE EVALUATION

- Refer to the **Performance** sample document for the evaluation process.
- For this type of dataset, key evaluation metrics are net return, hit ratio by horizon, Sharpe ratio, Calmar ratio, Sortino ratio, maximum drawdown, profit factor, etc.
- Stress testing is available in the document. Key stress tests include changing the entry type, holding periods, delaying the entry, etc.
- A data dictionary is provided in the **Performance** sample document.

CONTACT US

You may reach us through the following means for any type of questions you have.

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