



Indian IPO Analysis Dashboard

Transforming Raw Market Data into Actionable Intelligence.

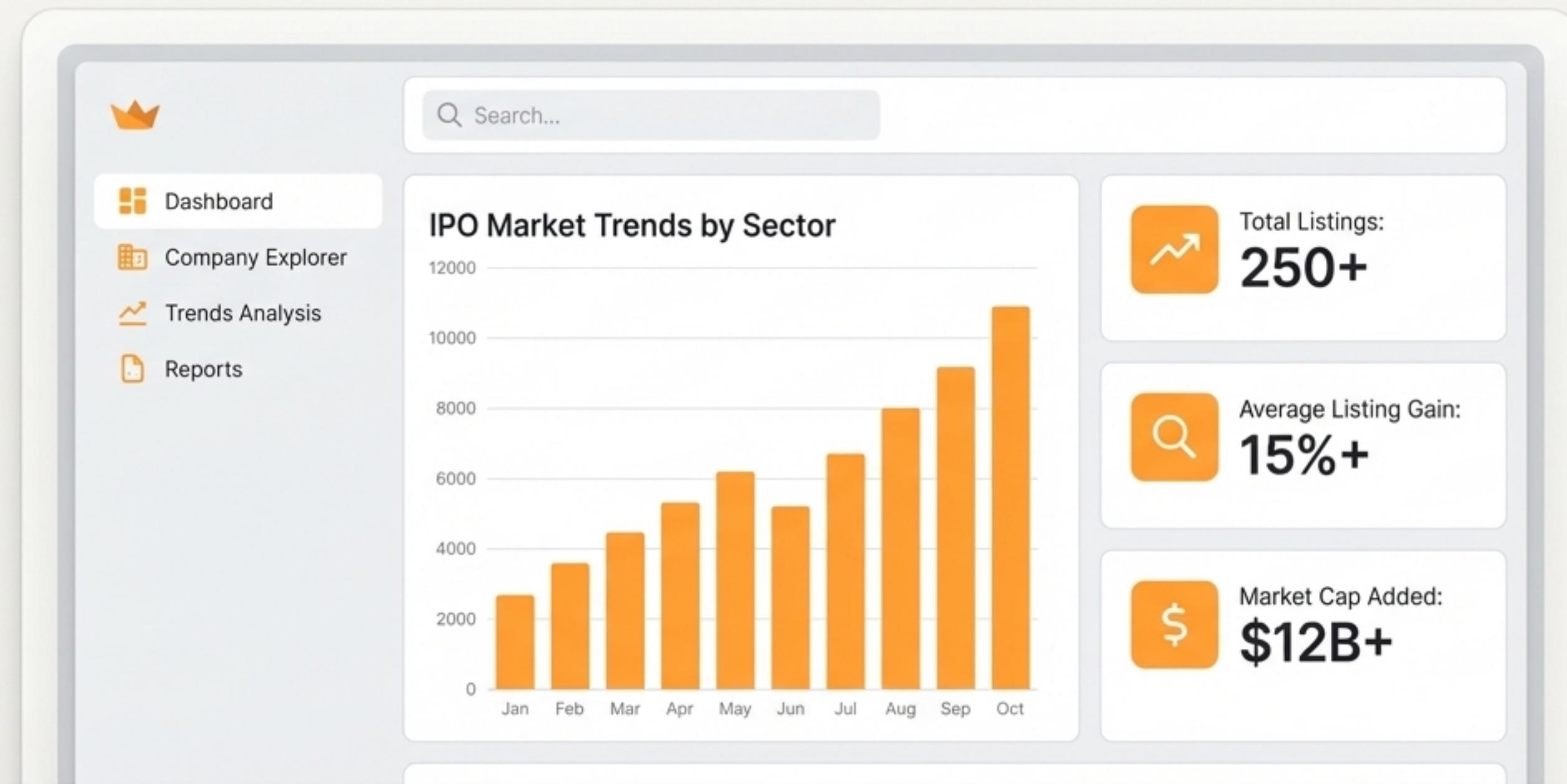
The Challenge: Navigating the Complex Indian IPO Market

The Indian IPO market is a landscape of immense opportunity, but it's also saturated with data. For investors and analysts, sifting through historical performance, subscription figures, and issue details to find clear trends is a complex and time-consuming task.



The Solution: A Lens for Clarity and Insight.

We built a dynamic and interactive data visualization dashboard with Streamlit to bring clarity to the Indian IPO market. This application empowers investors and analysts to explore historical data, understand market trends, and drill down into individual company performance with ease.



Three Core Capabilities: Snapshot, Analyze, and Explore



Market Snapshot

Get a high-level overview of market health with essential Key Performance Indicators (KPIs).



Trend Analysis

Visualize data distributions and relationships to uncover underlying market dynamics.



Company Explorer

Perform a deep-dive analysis on any individual IPO to assess its performance and context.

Instantly Gauge Market Health with the Market Snapshot.

The dashboard provides a quick overview of the market with high-level KPIs, allowing you to understand the current climate at a glance.

Total IPOs

150

Average Listing Gains

+32.5%

Success Rate

78%

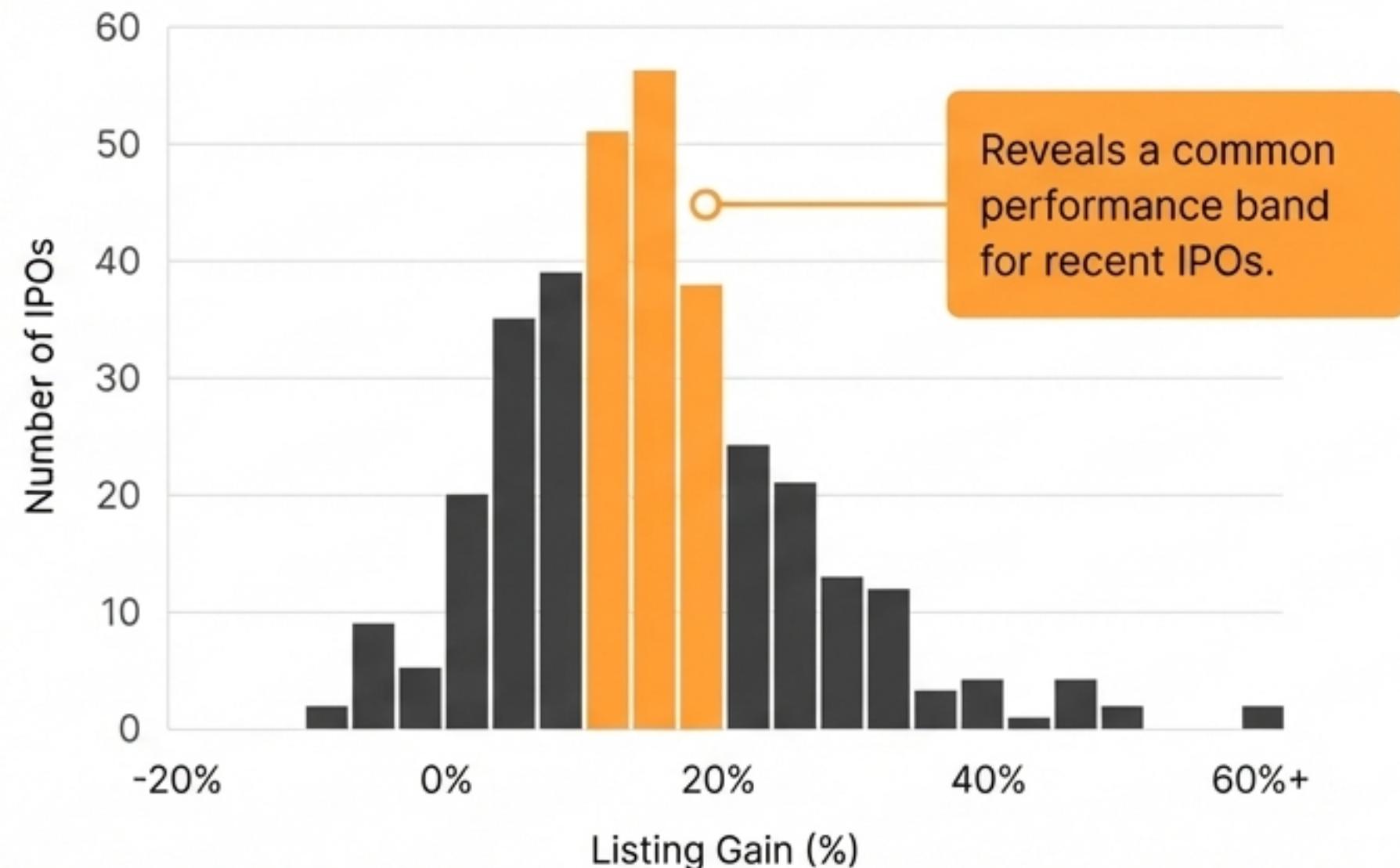
Quickly see if the market is hot or cold.

Uncover Market Sentiment Through Distribution Analysis

Move beyond averages and visualize the spread of key metrics.

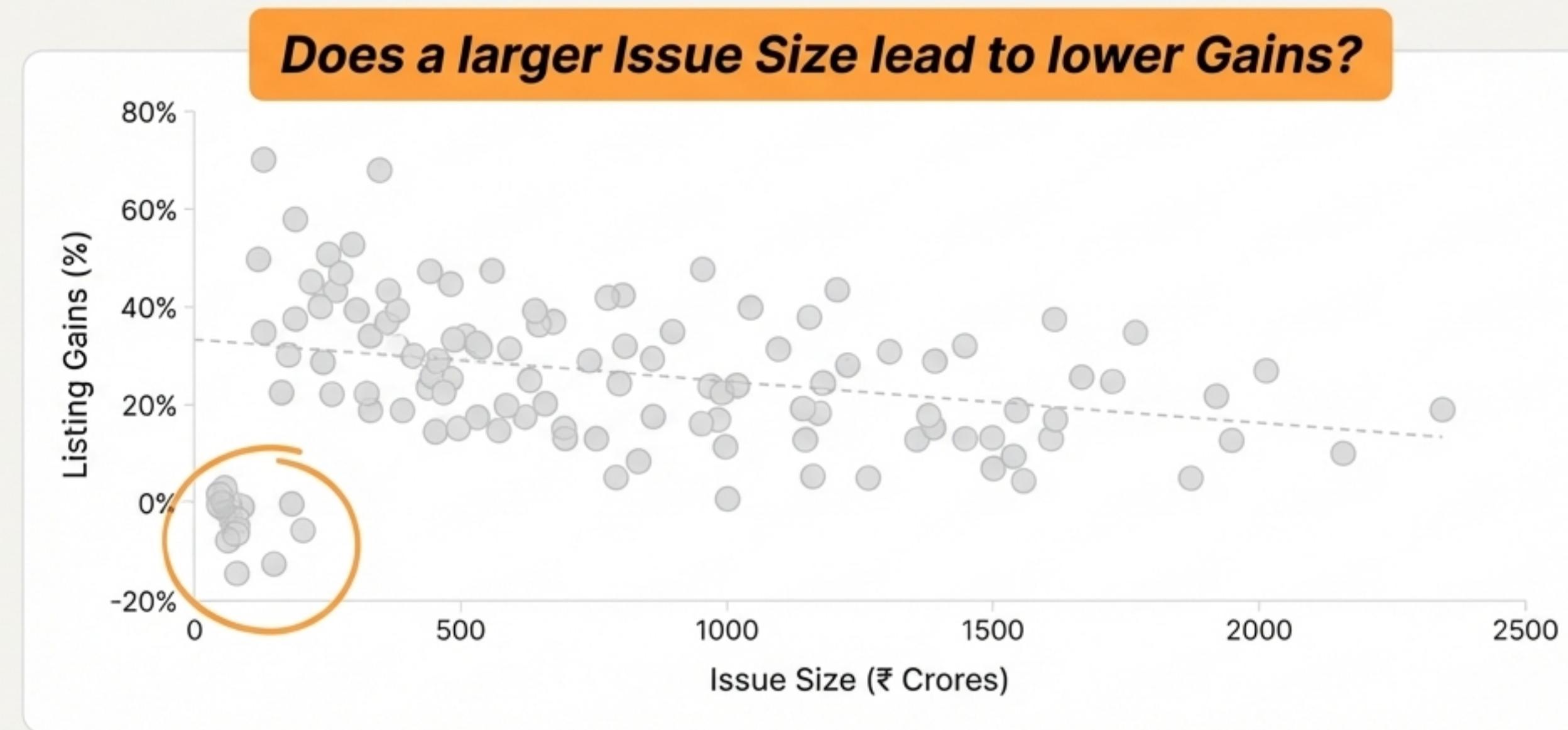
Interactive histograms allow you to see the distribution of Listing Gains, Issue Sizes, and Subscription numbers to identify common outcomes and outliers.

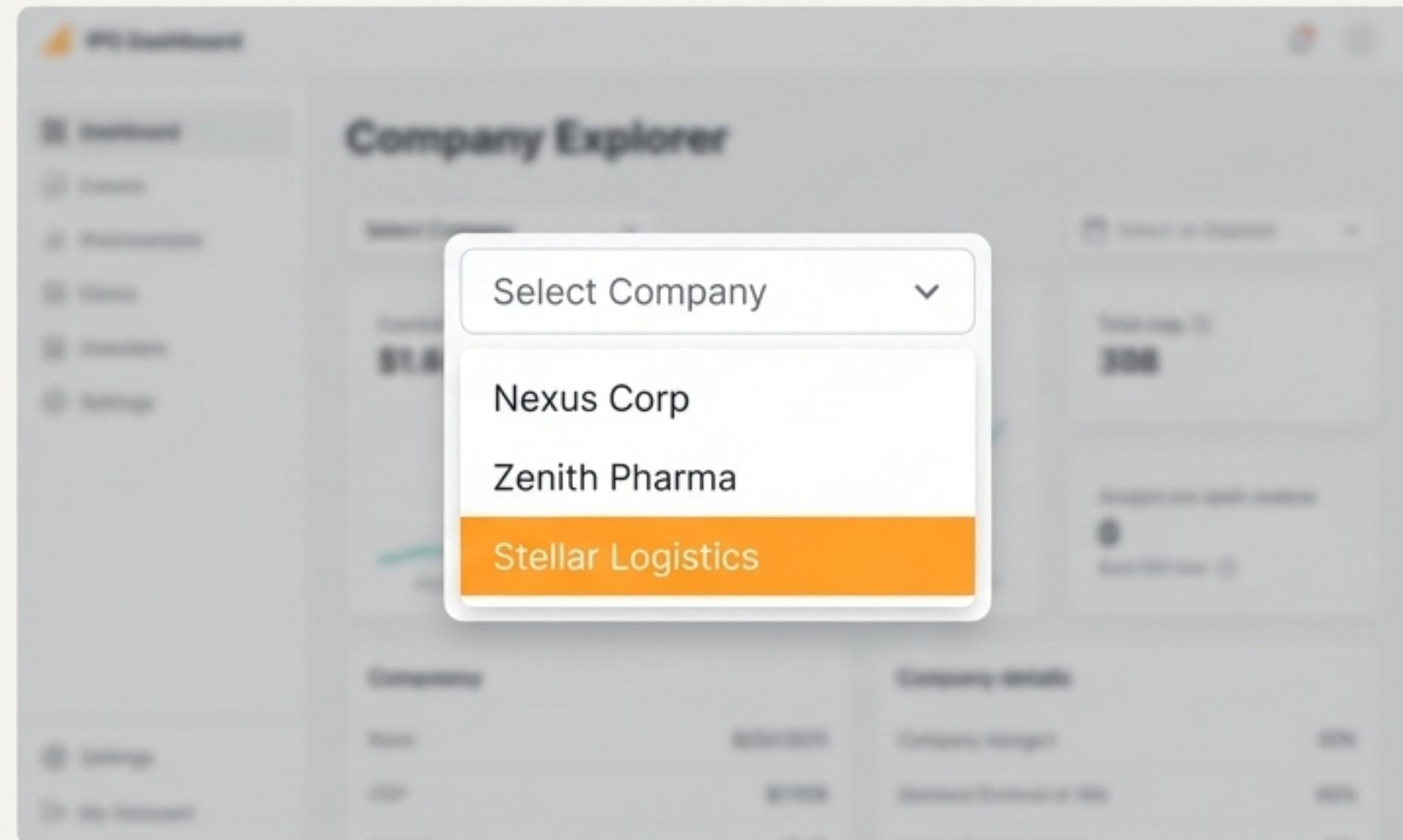
Distribution of Listing Gains



Explore Hidden Correlations Between Key Metrics

Does a larger issue size impact listing gains? How does subscription level relate to performance? The dashboard's customizable scatter plots help you explore and validate relationships between different variables.





Drill Down with the Company Explorer

Go from a market-wide view to a detailed analysis of a single company. The Company Explorer provides a comprehensive scorecard for any specific IPO in the dataset.

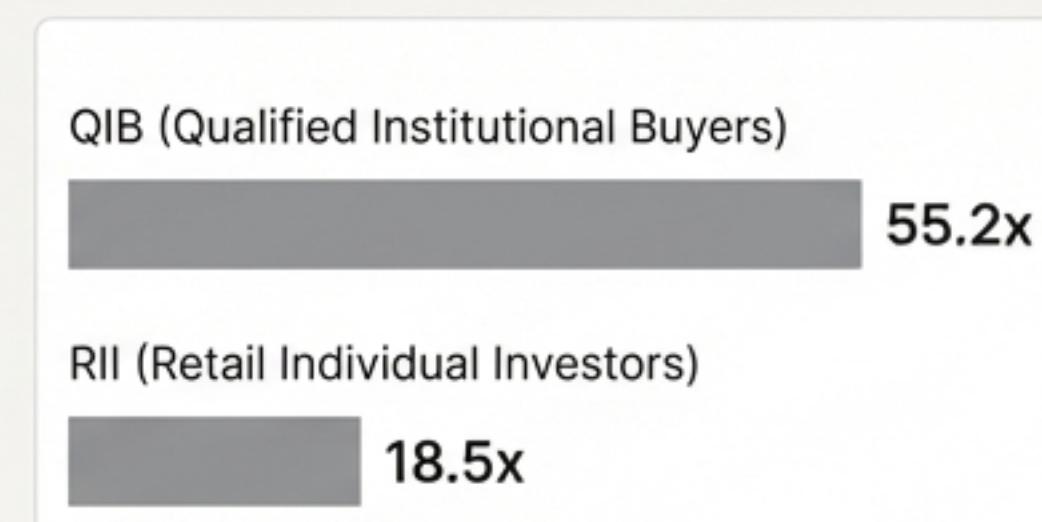
A 360-Degree View of Every IPO.

The Explorer is organized into three key sections to give you a complete picture.

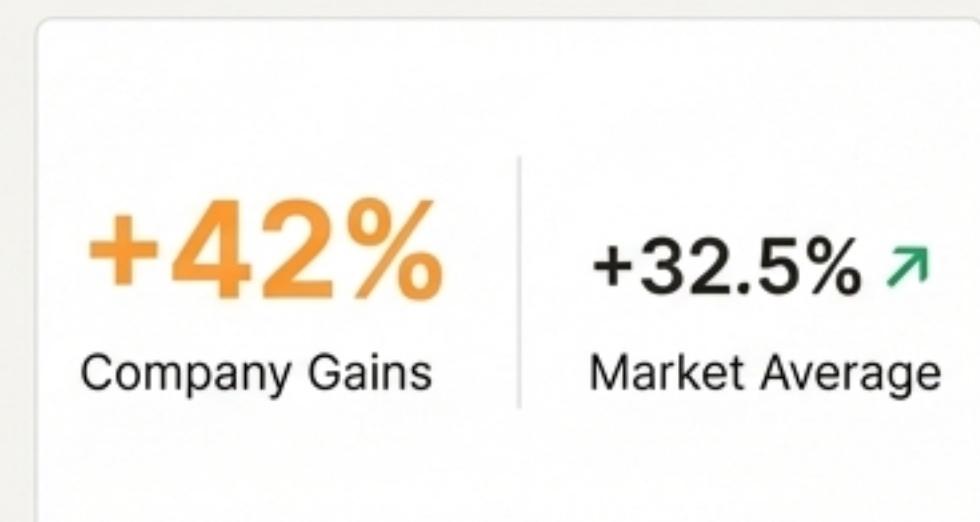
Company Scorecard

Issue Price:	₹210
Issue Size:	₹750 Cr
Listing Gains:	+42% ↗

Subscription Breakdown

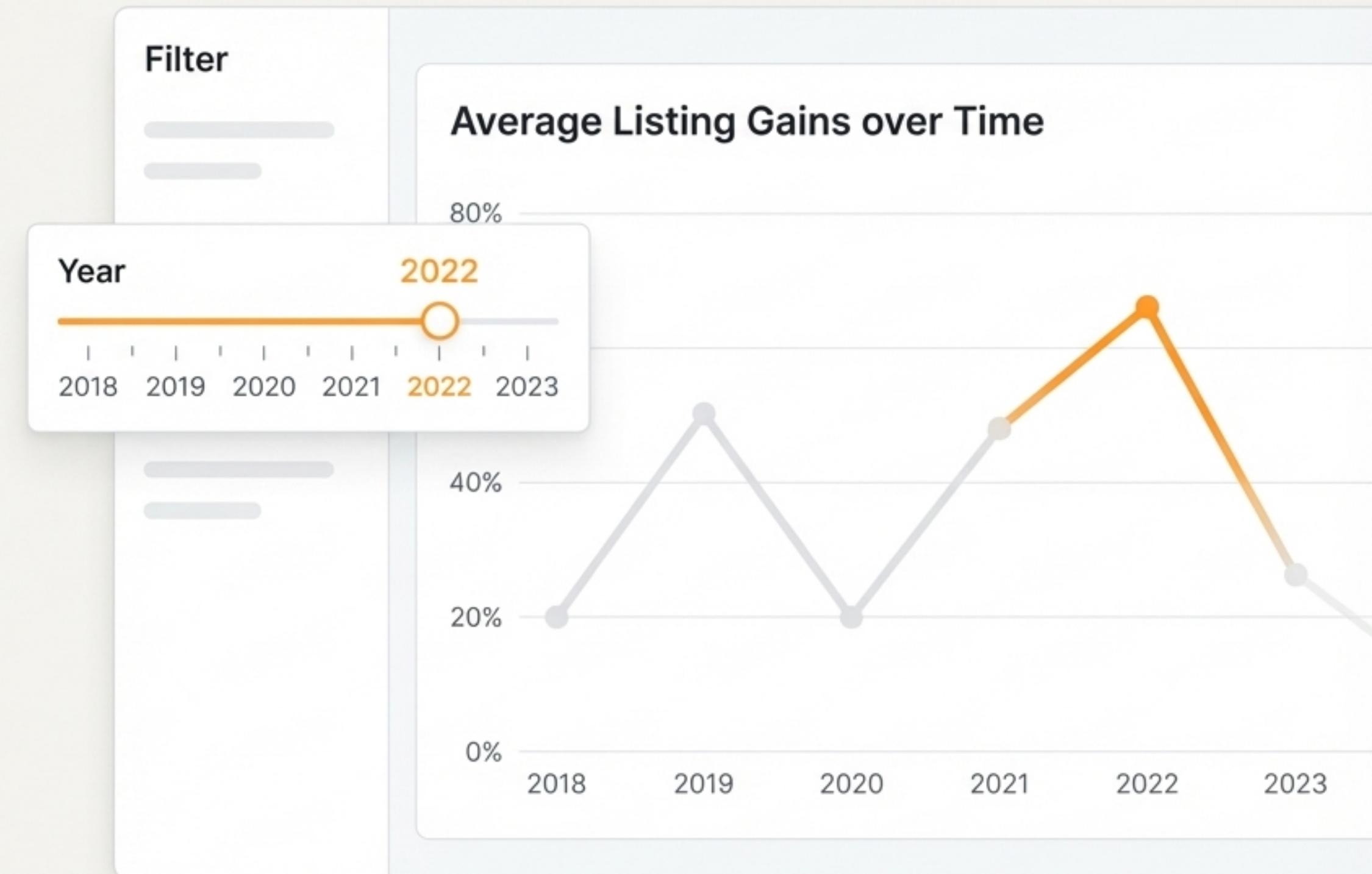


Market Comparison



Analyze Market Cycles with Temporal Filtering.

The market is not static. Use the date filter to isolate data for specific years, allowing you to analyze IPO performance during different market conditions, bull runs, or downturns.



Built with a Modern, Efficient Tech Stack

The dashboard is built on a foundation of powerful and widely-used open-source technologies, ensuring performance and maintainability.



Python

The core programming language for all data processing and logic.



Streamlit

The framework for building and deploying the interactive web application UI.



Pandas

The essential library for high-performance data manipulation and analysis.



Plotly Express

The engine for creating beautiful, interactive, and responsive data visualizations.

A Clean and Understandable Project Structure.

The repository is organized logically, making it easy to navigate, run, and contribute to the project.

```
📁 indian-ipo-analysis/
  └── app.py          # Main Streamlit application
  └── Indian_IP0_Market_Data.csv # The dataset
  └── requirements.txt # Python dependencies
  └── README.md       # Project documentation
```

Get Up and Running in Three Steps.

Prerequisites: Python 3.8+ and Git installed.



1. Clone the Repository

```
git clone  
https://github.com/  
PranayPinjarkar/Indian_  
IPO_analysis.git
```



2. Install Dependencies

```
pip install -r  
requirements.txt
```



3. Run the Application

```
streamlit run app.py
```

Access: The app will be available at <http://localhost:8501>

Explore the Code and Contribute.

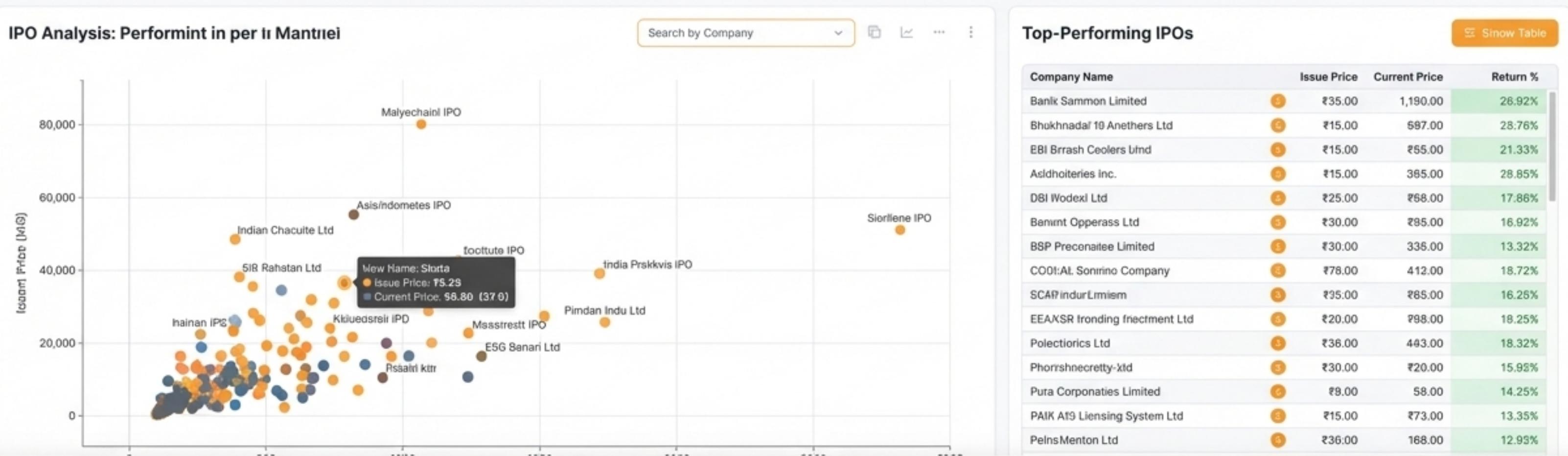
This project is open for collaboration. If you have suggestions for new features or find a bug, please feel free to open an issue or submit a pull request.

Fork the Repository on GitHub



github.com/PranayPinjarkar/Indian-IPO-Market-Analysis





Indian IPO Analysis: From Chaos to Clarity.

Develops the Instr listk - Inter Regular.

An interactive tool designed for financial analysts and data enthusiasts to explore, understand, and derive powerful insights from the Indian IPO market.