

## Big Analytics for Financial Services

PatternBuilders FinancePBI is the first Financial Services big data solution built for the cloud and designed to address the needs of the industry. Powerful and easy to use, it offers point-and-click analytics, real-time processing of tick and social media feeds, and the ability to merge and analyze internal operational data, social media data, and data sets of any size from cloud-based public data markets by simply uploading the respective .XLS, .CSV, or TXT files.

With FinancePBI, you are finally able to easily create and visualize complex models and analytics involving very large data sets. FinancePBI delivers a full statistical library, that allows scripting new models in any .NET language (F#, C#, C++, VB.NET, etc.), to any level of complexity. There are no complex steps needed to use or share new models: you simply create the model, press a button, and go. All FinancePBI analytics are real-time capable and automatically take advantage of multi-core machines and HPC clusters—whether deployed on-premise or in the cloud. No matter the size of your data set, analytics results are quickly returned, enabling more accurate, real-time decision making across your entire organization.

FinancePBI fully supports batch, streaming/real-time, and geographic analysis on data sets of any size, giving quants and users (of all levels) the ability to perform data analysis of any complexity and easily share those results with their peers. It is deployment and development-light: no mammoth investments in data centers, armies of expert programmers or consultants, or training in proprietary tools are required. Its unique hybrid deployment model is designed to run in the cloud, on premise, or both—you decide.



### FEATURES

- Scalable, user friendly web UI
- Google-style search for effortless queries
- Real-time streaming, batch & geo analytics
- Pre-built with real-time streaming Stock and Social Media feeds
- Designed for mashups (Web services, Files, RDB, Hadoop, EDW)
- User upload of data with no heavy conversion pain
- Sophisticated, yet simple-to-use Correlation Engine
- Single click takes you from time series chart, to a geo-coded map, to correlation
- Scripting in any .NET language
- End user-, analyst-, AND programmer-friendly
- Deployment-neutral: cloud, on-premise, hybrid
- Fan out scalability

### ABOUT PATTERNBUILDERS

PatternBuilders develops big data products that make big analytics a reality for organizations and businesses of any size. We offer two types of analytics applications:

- An enterprise-grade analytics application, AnalyticsPBI, customizable for business users, analysts, or quants in any industry and capable of handling batch or real-time analytics.
- Pre-built enterprise-grade analytics applications that provide the data feeds and metrics to support a specific industry like FinancePBI, the first real-time financial services big analytics solution built for the cloud.

If you have a big data challenge, PatternBuilders has the analytics applications and deployment options that will help to make you successful and, equally important, self-sufficient.