### CONTRIBUTION



Data analysts feel that they can't contribute to data projects in meaningful ways



The capability to work with data either in a visual interface or using SQL, Python, etc.

### DATA PREP



Data preparation takes too long, feels draining for the team, and takes up valuable data science resources



Faster data prep and the ability for analysts to contribute to data preparation

### COLLABORATION



Data analysts, data scientists, IT, and business teams aren't empowered to work together collaboratively



The ability for multiple profiles to work together on different project components



Cost savings in getting the right profiles to do the right tasks to match their skills



Better retention of talent when individuals are able to work on challenging tasks and projects



Faster, more scalable process to go from raw data to prediction



A customizable drag-anddrop visual interface at any step of the predictive dataflow prototyping process - from wrangling to analysis to modeling.



The ability for all skill levels (from beginner data analyst to expert data scientist) to make meaningful contributions to data projects.



Easy access to over 80 built-in visual processors for code-free data wrangling.



A fast way to perform mass actions on data via automatically suggested contextual transformations. The ability to use formulas and Python macros for custom processing.



The ability to use either code or visual interface for effective contributions from all skill levels at all stages of a data project.



Integrated documentation and knowledge sharing, including project to-do lists, commenting, and sharing.



Robust project change management and rollback.



Advanced team activity monitoring for effective data project management.





# TECHNOLOGICAL BARRIERS TO SCALE A DATA TEAM

#### GOVERNANCE



Lack of centralized data access and user controls



One central repository for all data science work with robust access controls and monitoring

### **ACCESS**



Difficulty connecting to and combining siloed data sources



Ability to connect to any data source regardless of where or how it's stored

### DISCONNECT



Use of different tools/platforms for data preparation, model development, and deployment



One system that handles everything from raw data to deployment



Team can use the latest and best data science technologies



No loss of productivity on in-progress projects when team members leave



Overall centralization and organization allows for multiple data projects to happen simultaneously (better scalability)



Easier and quicker onboarding since each team member can use languages and techniques with which (s)he's familiar



The ability to organize data tasks into clearly identified projects, document actions/ datasets, and search across and within projects.



Fine-grain access rights and detailed monitoring through logs and dedicated dashboards.



Connections to more than 25 data storage systems plus the ability to connect to nearly any data thanks to a custom API connector.



Automatic format and schema detection for instant data access without the need to write fastidious formatting settings before reading a dataset.

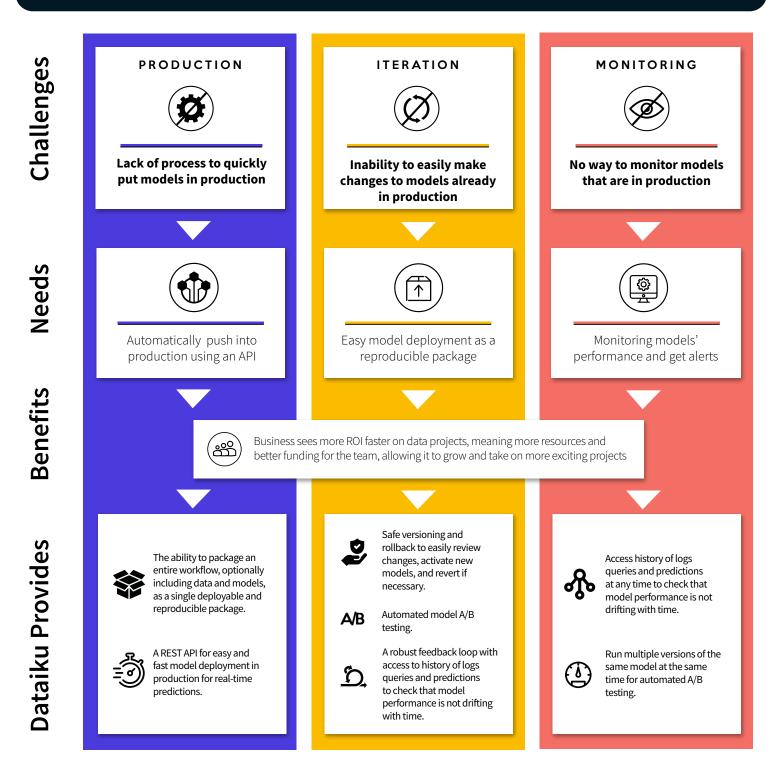


A single interface for transforming raw data into real-time predictions from beginning to end (including fully staged deployment models from dev to test to preproduction, all within a single UI).





## PRACTICAL BUSINESS & OPERATIONS BARRIERS TO SCALE A DATA TEAM



# ABOUT DATAIKU

Dataiku is the advanced analytics leader and preferred software solution in helping organizations succeed in the world's rapidly evolving data-driven business ecosystem. Guided by the belief that true innovation comes from the effective combination of diversity of cultures, of mindsets, and of technologies, Dataiku's purpose is to enable all enterprises to imagine and deliver the data innovations of tomorrow.

Try Dataiku Data Science Studio (DSS) for free by visiting www.dataiku.com/try

