

Rapid Analytics PlatformSM

Comprehensive and cost effective – RAP can help drive your data and analytics strategy from idea to reality – boosting agility, efficiency and better utilization of resources.

Game-changing virtual analytics lab

Rapid Analytics Platform (RAP) is a cloud-based data and analytics enterprise solution that transforms the way companies work with data to enable insightful decision science strategies.

This unique, interactive platform provides a single workspace to immediately source data, execute queries, create advanced analytics, and train machine-learning models to deliver faster results that help companies drive growth, effectively manage risk and respond quickly to an evolving market.

Unlimited possibilities

With RAP, users have access to our marketplace of comprehensive and diverse data assets and advanced analytics, third-party data, and can easily incorporate their own in the same hosted environment. Users have the flexibility to apply data science techniques in multiple supported languages – SQL, Python, R, Scala – then run or automate analytics in the same processing infrastructure with the ability to scale.

Solutions built to grow, optimize and manage the risk of your portfolio

Within RAP, companies can leverage our growing library of Solution Notebooks to inform business decisions and enable analytics-driven workflow.

Solution Notebooks can be utilized and customized for an unlimited number of business applications across the entire loan life cycle, including:

- Growth and retention
- Portfolio analysis, monitoring and benchmarking
- New market analysis and surveillance
- Equity analysis and valuation
- Model development, implementation and validation
- Pre- and post-bid automated due diligence

Key features

- Access to all of ICE data assets
- Ability to upload and join client data with ICE and third-party datasets
- SQL, Python, R and SCALA supported
- Extreme speed and flexibility to immediately display results
- Advanced analytics function library
- ICE hosted and managed data
- An intuitive and flexible user experience
- Easily share and customize user-built queries and complex analytics

Access to comprehensive data and analytics marketplace

RAP has been designed to provide the data, analytics and capabilities market participants need, without investing in a costly proprietary ecosystem. The ICE data assets available on RAP include:

- Nationwide public records data (accessor/recorder)
- McDashSM loan-level mortgage performance data
- Multiple listing service (MLS)
- A robust suite of automated valuation models
- AFT Credit, Prepay, and Loss Models for residential and multi-family mortgages
- Loan-level agency and non-agency MBS disclosure data

Enterprise data and analytics use cases

- Identify low- and high-risk borrowers to employ proactive retention and loss mitigation strategies
- Survey current mortgage performance and valuation trends with the industry's most timely data
- Understand key differences between the current and prior lending cycles to inform credit risk policy
- Evaluate portfolios under varying scenarios to estimate risk exposure in times of severe economic stress



For more information: icemortgagetechnology.com