Seamlessly explore, synthesize and optimize data & analytics

For businesses to stay ahead of the curve in the era of digital transformation, business leaders must rely on data and analytics to inform their journey toward an optimized strategy and execute on that strategy. To support this business imperative, data science teams must have ready access to comprehensive data which provides broad insight about an organization’s customers, prospects, industry, and marketplace at large to identify patterns and relationships in data not evident before. Additionally, companies driven by analytic insight leverage industry-leading technology stack to test models, learn from outputs, and iterate quickly to actionable outcomes. As straightforward as this sounds, analytics teams often face obstacles including the lack of consistent, analysis-ready data, a lack of familiarity with important new data sources and a lack of technology necessary to derive powerful insights from the data.

For example, a full set of information about customers, prospects, vendors and other partners may not be accessible to the teams. Or, information is not in a unified format or is stored in silos throughout the business, meaning valuable analytic resources spend much of their time obtaining and cleaning data, rather than conducting actionable analysis. In addition, keeping pace with advancements in modeling, reporting, and visualization tools can be a full-time job, one that must be balanced with other deliverables expected of the analytics team. However, the benefits of exploring new data sources and analytic tools and techniques are too compelling to pass up.

To simplify the data scientist’s job and directly address the challenge of organizing and gaining meaning from multi-sourced data, D&B Analytics Studio provides best-in-class B2B data and state-of-the-art technology to bring agile analytics to you, instantly.

INTRODUCING D&B ANALYTICS STUDIO

D&B Analytics Studio is a secure, cloud-based analytics platform equipped with full access to the Dun & Bradstreet Data Cloud – the world’s most comprehensive set of business data and insights – as well as a scalable analytics technology stack.

With D&B Analytics Studio you can merge your own data with data from the Dun & Bradstreet Data Cloud and a growing set of alternative data sources for robust model inputs. The Dun & Bradstreet Data Cloud offers up to 10 years’ history of multidimensional attributes on a universe of over 330 million businesses globally. This unparalleled combination provides you with the deepest possible insights and helps you achieve the highest quality results.

Industry-standard analytics and data visualization tools help perform data exploration, statistical analysis, and model development with speed and precision. Also featured is the ability to seamlessly move from analysis to deployment with just a few clicks. With configurations to fit organizations and teams of every size, D&B Analytics Studio enables analytics teams to be in the driver seat when answering critical business questions along the digital transformation journey.

THE SOLUTION OFFERS:

- **Leading Business Insights at Your Fingertips**
  - Dun & Bradstreet Data Cloud
  - Alternative Data sources
  - Customer-owned data sources

- **Access to B2B Data & Analytics Subject Matter Expertise**

- **Secure, Flexible and Scalable Cloud-Based Technology Stack**
  - Leading cloud services provider
  - Scales based on your needs
  - Secured with industry standard encryption protocols

- **Advanced Analytics Tools**
  - Utilize predefined Dun & Bradstreet analytics functions
  - Code your own using advanced AI/ML capabilities

- **Speed-to-Market**

- **Improved Accuracy**

- **Competitive Insights**

- **Lower Cost & Maintenance Overhead**
D&B Analytics Studio caters to the transformation needs across your enterprise by providing instant access to business insights for agile analytics and strategy optimization.

**EXAMPLE USE CASES:**

- **A need to prove the business case** to advance beyond basic Business Intelligence reporting into predictive analytics; make the case for investment in tools and hiring of the right skillsets.

- **A small internal analytics team** on which the business places high expectations. Team needs help moving beyond limited dataset to meet aggressive time lines.

- **A desire to test new, more robust external data sources** to improve the performance of current models.

- **A need to analyze market trends and segment performance** to finalize target segments in support of a new business-to-business product launch

- **A need to complete complex analytics within aggressive time lines** that don’t synch with the availability of internal resources

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<thead>
<tr>
<th>MOST COMPREHENSIVE BUSINESS DATA</th>
<th>TECHNICAL CAPABILITIES</th>
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<tbody>
<tr>
<td>- Dun &amp; Bradstreet Data Cloud 330M+ global business records</td>
<td>- Timely and high-compute scalable environment – direct, fast access to data via Sparks</td>
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<td>- Structured and governed</td>
<td>- Industry-standard tools including: SQL, PySpark, SparkR, Scala, PowerBI; Additional visualization plug-in enabled via ODBC and JDBC connections</td>
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<td>- 80% are companies with &lt; 11 employees</td>
<td>- Modern platform permits code integration in GitHub</td>
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<td>- Continually expanding set of alternative data sources</td>
<td>- All facets of security — encryption, identity management, role-based access control, data governance, and compliance standards</td>
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<td>- Ability to upload your data and other third-party data.</td>
<td>- High level of modeler notebook collaboration</td>
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<td>- Connect all using our unique D-U-N-S Number identifier as a persistent key</td>
<td>- Data cataloguing and automatic versioning</td>
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<td>- Largest set of payment experiences (200M) enabling deep payment-related insights</td>
<td>- Advanced Dun &amp; Bradstreet pre-defined functions and commonly used scripts, risk delinquency model algorithms, prospecting model, etc.</td>
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<td>- Access to detailed payment performance at the raw-attribute (payment transaction) level</td>
<td>- Allows for use of multiple languages and tools in a single environment</td>
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<td>- Tens-of-thousands of data sources, tens-of-millions of web page searches</td>
<td>- Metadata Store + Data Cataloguing caters to specific customer need: Data as a Product</td>
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<td>- Data from 5M daily customer data inquiries – rich set of signal and triggers</td>
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<td>- Detailed hierarchy information ranging from corporate legal hierarchies to analytically-derived linkages based on brand and other associations.</td>
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<td>- Over 120M entities identified as part of some type of hierarchy</td>
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<td>- Full suite of Dun &amp; Bradstreet Risk and Marketing Scores</td>
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<td>- 100M purchases transactions associated with smaller organizations for SMB insights</td>
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**ANALYTICS CONSULTANT EXPERTISE AVAILABLE TO YOU!**

- **Dun & Bradstreet’s analytic solution consultants**, with experience spanning multiple industries, work closely with clients to tailor solutions specific to their needs

- **Quantitative analysts** who have developed hundreds of custom predictive models globally

- **Expertise and knowledge** in all areas of identity resolution, analytics, and solution integration architecture.

- **Specializing in** big data engineering, machine learning and social media analytics to enable continual innovation

- **Heavy investment** in R&D to continually expand other areas: risk associated with location, professional executives associated with the business, supply chain network, and political/economic climate

- **Expertise in all statistical software:** SAS, SPSS, R, Python

**ABOUT DUN & BRADSTREET**

Dun & Bradstreet, the global leader in commercial data and analytics, enables companies around the world to improve their business performance. Dun & Bradstreet’s Data Cloud fuels solutions and delivers insights that empower customers to accelerate revenue, lower cost, mitigate risk, and transform their businesses. Since 1841, companies of every size have relied on Dun & Bradstreet to help them manage risk and reveal opportunity. Twitter: @DunBradstreet
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