Your data doesn’t have to be complicated. Instead, it should be helpful.

Your K-12 data should make educators’ lives easier, provide sound information for smarter decisions, and help you see the whole child based on a full spectrum of inputs. To help simplify your use of data, here’s an explanation of some common terminology.

1. **Actionable Insights**
   Data that’s presented in a digestible format to inform stakeholders and decision-makers.

2. **DaaS**
   Data as a Service (DaaS) is an information provision and distribution model in which data files (including text, images, audio, and videos) are made available to educators over a network. PowerSchool Unified Insights™ Connected Intelligence is an example of Data as a Service.

3. **Data Analytics Solution**
   A single software solution bringing all your data together in one simple view, providing insights with advanced features for analysis.

4. **Data Dashboard**
   A graphical user interface that provides at-a-glance views of key data. Advanced dashboards allow you to click further to get deeper insights into specific data.

5. **Data Governance**
   Data governance is the process of managing the availability, usability, integrity, and security of the data in enterprise systems, based on internal data standards and policies that also control data usage.

6. **Data Quality**
   The measure of how accurate, or error-free, your data is. Tools can help identify and prioritize data errors, perform checks and alerts for data quality issues, and make corrections to ensure consistency.

7. **Descriptive Analytics**
   The process of using current and historical data to identify trends and relationships. PowerSchool Unified Insights™ Student Essentials provides educators descriptive analytics of attendance, behavior, and coursework.
K-12 Data Analytics Defined

8 **Holistic Data**
Data that provides information on a wide variety of factors. Examples in K-12 education include student academic data from test scores, grades, and assignments, combined with SEL indicators, demographics, behavior incidents, and other information.

9 **Longitudinal Data Analysis**
A true year-over-year view of each child from as early as you have the data, along with the predictive analytics and machine learning to identify trends in graduation readiness, college entrance exams, and post-secondary enrollment to ensure your students are ready for their futures.

10 **Machine Learning**
A type of artificial intelligence (AI) that allows software applications to become more accurate at predicting outcomes without being explicitly programmed to do so. Machine learning algorithms use historical data as input to predict new output values.

11 **Predictive Analytics**
The process of using historical data sets to identify patterns and predict future outcomes. PowerSchool Unified Insights™ Risk Analysis provides educators predictive analytics of on-time graduation.

12 **Prescriptive Analytics**
The process of using data to determine an optimal course of action. By considering all relevant factors, this type of analysis gives recommendations for next steps.

13 **SaaS**
Software as a Service (or SaaS) is a way of delivering applications over the internet—as a service. Instead of installing and maintaining software, you simply access it via the internet, freeing yourself from software and hardware management. PowerSchool Unified Insights™ Student Essentials is an example of Software as a Service.

14 **Unified Data**
A data set pulled from multiple, individual software products to show a comprehensive picture.

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Learn how a K-12 data analytics solution from PowerSchool can provide you with the insights you need, when you need them.

Visit www.PowerSchool.com or call 1-877-873-1550 to learn more.

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