

Technical Specifications

Self-service big data discovery for everyone

doolytic is at the bleeding edge of big data exploration, providing end-to-end platform functionality to meet both IT and business user needs. doolytic self-service big data discovery allows users to:

- Exploit the power of Hadoop with no latency or concurrency issues, allowing exploration on billions of records while scaling architecture at linear costs
- Work with any type and source of data, including log, pdf, mail and XML files
- Analyze data in real-time, permitting processing of data streams and presenting and analyzing KPIs and associated data
- Use the doolytic front end to navigate Hadoop data, creating dashboards using a highly interactive interface
- Preserve existing BI investment by connecting to legacy BI tools, maintaining familiar dashboards and visualizations

doolytic is big data native

Doolytic is a collection of innovative technologies combined into a single intuitive tool based on a new approach to big data. Doolytic empowers users to manage unlimited volumes of data quickly and easily.

Doolytic takes full advantage of modern hardware's elaborative capacities to permit processing of multiple data types.

Advantages for IT

- Simplifies Hadoop complexity, resolves latency and concurrency issues
- NoSQL connector for Hadoop
- Infrastructure based on low cost hardware
- No ETL required for connecting to any type of data
- Uses native interface based on standard HTML objects
- Preserves investment in standard BI tools

End-user advantages

- End-to-end solution
- Lightning quick, real-time performance even on billions of records
- Works with both structured and unstructured data
- Simple, user friendly interface
- Enhanced query functionality for advanced
- R integration for advanced and predictive applications
- Lower TCO than standard BI tools

Functionality

Using an integrated web interface both for big data visualization and standard BI functions, doolytic allows custom modifications of any kind. doolytic meets any analytics need, integrating predictive functionality and interfacing with standard statistical tools.

Data Explorer

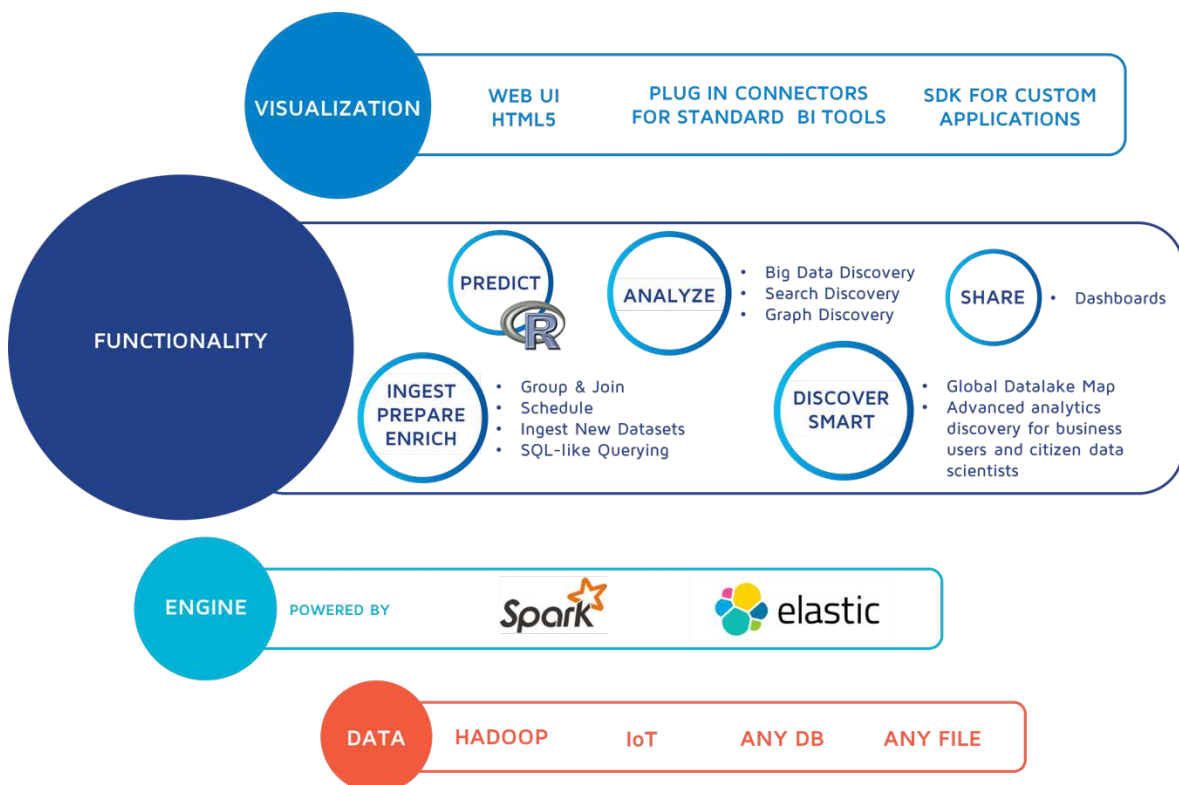
- Self-service access to unstructured and structured big data
- Search, filter and reorder data in seconds
- Create associations between diverse datasets with no coding (relation-action)

Charts and Aggregation

- Instant aggregations of any amount of data
- Create dashboards and stories with a rich graphic library
- Visualize and analyze geographic data using maps

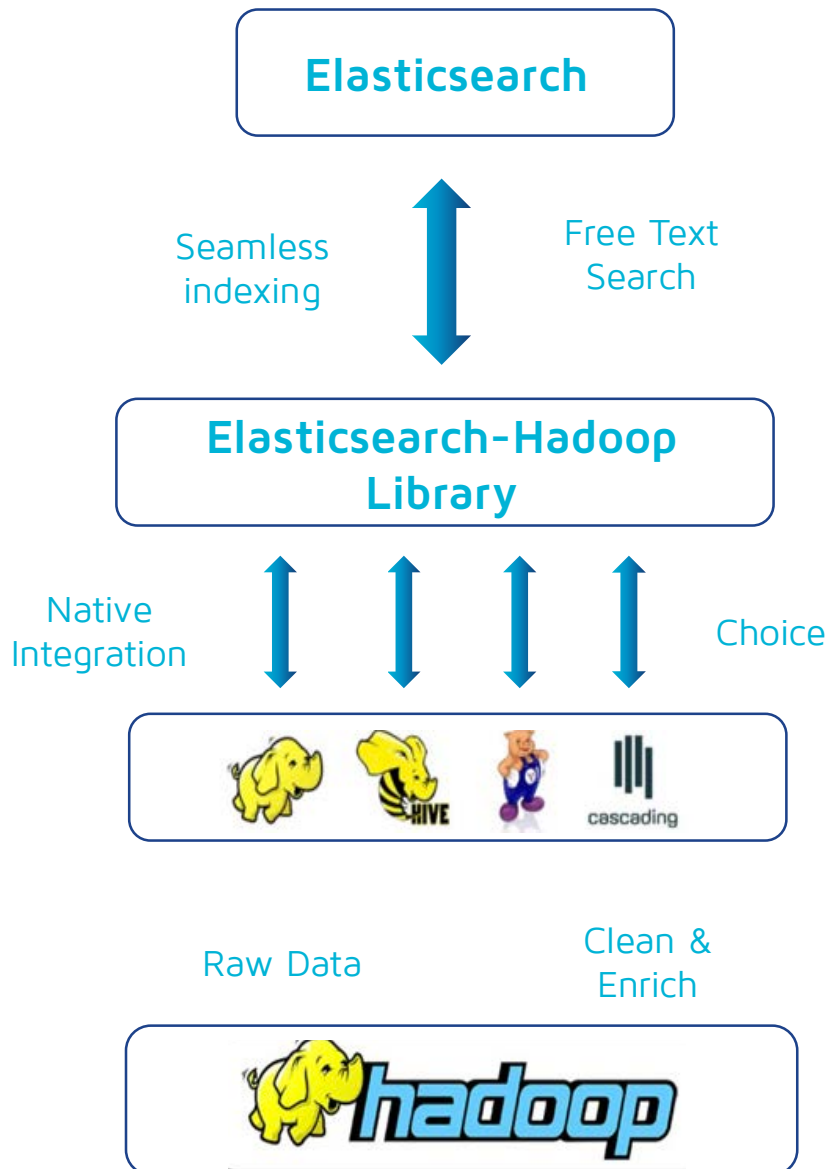
Advanced Features

- R integration for advanced data analysis
- Import additional datasets
- Create enriched datasets from published datalakes or Hadoop
- Export to Excel/CSV



System Information

doolytic's architecture runs on a backend based on big data technologies including Hadoop, Spark and Elasticsearch which allow realtime processing of huge volumes of structured or unstructured data. These technologies are designed to make use of low cost, commodity hardware and to scale horizontally.



About doolytics

doolytics Srl is a startup founded by a brilliant team of big data professionals with experience building and implementing big data technologies for the industry's biggest players. Anchored by the technical expertise and business acumen of Italy's most prominent systems integrator and principal investor in doolytics, Horsa Spa, and already deployed at several global enterprises, doolytics is positioned to emerge as the leader in the emerging big data analytics space. www.doolytic.com