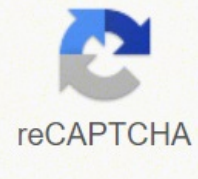


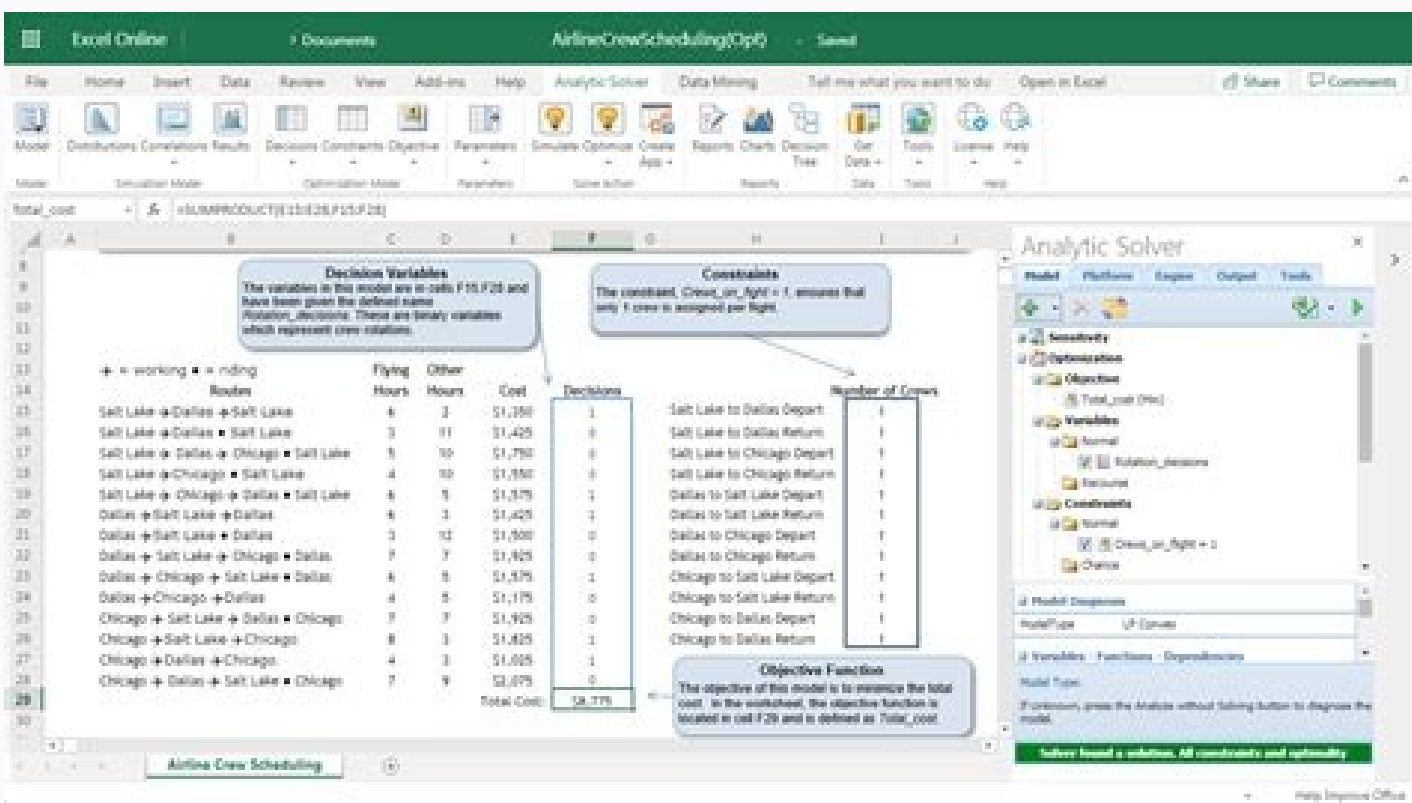


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Analytic processes and tools in big data pdf



Big Data Analytics: A Literature Review Paper

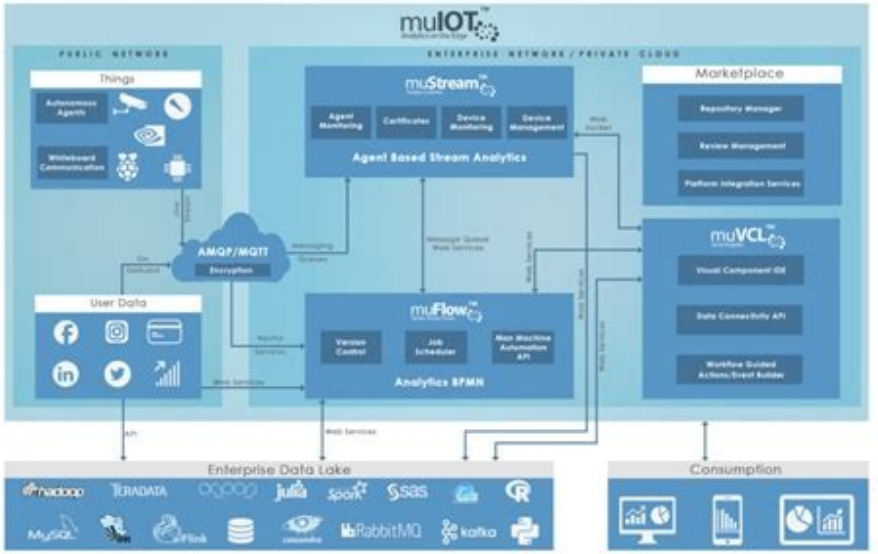
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Abstract. In the information era, massive amounts of data have become available to businesses. This data is often used to improve business performance and to gain a competitive advantage. However, the volume and variety of data have increased significantly, making it difficult to analyze and extract insights from. This paper reviews the literature on big data analytics, focusing on the challenges and opportunities associated with analyzing large volumes of data. We discuss the importance of data quality, data integration, and data security in big data analytics. We also discuss the role of big data analytics in business decision-making and the future of big data analytics.

Keywords. Big data, data mining, analytics, decision-making.

1 Introduction

Big data is a term used to describe data sets that are so large or complex that traditional data processing applications are inadequate to deal with them. These data sets can be analyzed to reveal patterns, trends, and associations, especially relating to human behavior and interactions. The volume, velocity, and variety of data have increased significantly, making it difficult to analyze and extract insights from. This paper reviews the literature on big data analytics, focusing on the challenges and opportunities associated with analyzing large volumes of data. We discuss the importance of data quality, data integration, and data security in big data analytics. We also discuss the role of big data analytics in business decision-making and the future of big data analytics.



1 Traditional Non-Relationship	2 Standard Relationship View	3 Multi-Product & Channel View	4 Experimental
Data <ul style="list-style-type: none"> Single product master file Credit bureau Demographics 	Data <ul style="list-style-type: none"> Relational product ownership tags 	Data <ul style="list-style-type: none"> Multi-product master files Transaction detail on spending and collections Channel usage Customer research 	Data <ul style="list-style-type: none"> Internet click data Social media Media activity, viewing and listening
Analytics <ul style="list-style-type: none"> Relationship data warehouse 	Analytics <ul style="list-style-type: none"> Single product time-ordered view 	Analytics <ul style="list-style-type: none"> Integrated multi-product and channel time-ordered view 	Analytics <ul style="list-style-type: none"> ???

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What are some tools for data analytics. Examples of big data analytics tools. What are the tools used for big data analytics. Analytic processes and tools in big data ppt. Analytic processes and tools in big data pdf. Big data analytics tools and methods.

Apache Spark The University of California, Berkeley& Lab, developed Apache in 2009. Analyze the complex task summarizing the data with a preview of the pivot tables that helps filter the data according to the client's requirement. Excellence Excellence is a basic analytical tool, popular and widely used in almost all industries. QlikView QlikView has many unique features such as patented technology and features in-memory data processing, which executes the result very quickly to end users and stores the data in the report itself. Big Data features make them important and you can analyze and visualize data better than any other data visualization software on the market. Data association in QlikView is automatically maintained and can be compressed up to almost 10% from its original size. 3.Python Python is an object-oriented scripting language that is easy to read, write and maintain and is a free open source tool. SAS: Sas is an environment and programming language for data manipulation and a leader in analytics, developed by the SAS Institute in 1966 and further developed in the 1990s and 1990s. Apache Spark is a fast, large-scale data processing engine that runs Hadoop cluster applications 100 times faster in memory and 10 times faster on disk. Allows access to download the file in different formats. It has surpassed SAS in many ways such as data capabilities, performance and results. They can also be shared via social media or with the customer. The 10th. Splunk extracts all text-based log data and provides an easy way to search through them, a user can extract all kinds of data, and perform all kinds of interesting statistical analysis on them, and present them in different formats. Python can also handle data very well Spark also includes a Mllib library, which provides a progressive set of machinery algorithms for repetitive data techniques such as classification, regression, collaborative, collaborative filter, etc. 5.7. R It also provides tools to automatically install all packages according to the user requirement, which can also be well assembled with large data, with real-time updates that show up on the web. The very powerful A² tool can generate analyzes based on real-life data transformation settings, I.e. A you can control formats and data sets for predictive analysis, I.e. 8.6. Below is the list of the top 10 data analysis tools, both the open and paid versions, based on their popularity, learning and performance. It becomes slightly hard for the list of the best data analysis tools as open source tools are more popular, user-friendly and performance-oriented than the paid version. Whether you are an expert in SAS, R or Tableau, you will still have to use Excel. It has 11,556 packages and allows you to browse packages by categories. Excel becomes important when there is an Analytics requirement on customer internal data. There are many open source tools that do not require much/any coding and can provide better results than paid versions e.g. A² R Programming in Mining Data and Public Tableau, Python in Data Display. 1. R A programming is the industry-leading analytical tool widely used for statistics and data modeling. Splunk: Splunk A tool that analyzes and searches for data generated by the machine. Excel has the Analytics Business Advance option that helps in the features Modeling options that have pre-connected options such as automatic relationship detection, a creation of DAX measures, and time grouping. Rapidminer: Rapidminer A powerful integrated data data platform developed by the same company that performs predictive analysis and other advanced analysis Data mining, text analysis, automatic learning and visual analysis without any programming. If you want to see Tableau's power, then we must have an excellent source of data. Furthermore, Python has excellent VIZ automatic learning libraries. VIZ. RapidMiner can embed with any type of data source, including Access, Excel, Microsoft SQL, Tera Data, Oracle, Sybase, IBM DB2, Ingres, MySQL, IBM SPSS, DBASE, IBM, Python A easy to learn as A very similar to JavaScript, Rubino and php. 4. A was developed by Guido Van Rossum in the late 1980s that supports functional and structured programming methods. Scikitlearn, Theano, Tensorflow and Keras. The spark A built on data science and its concept effortlessly makes data science. R Compiles and runs over a wide variety of Viz-unix, Windows and MacOS platforms. The increasing demand and importance of data analysis in the market has generated many openings worldwide. SAS introduced a wide range of products in 2011 for customer intelligence and numerous SAS modules for web analysis, social media and marketing widely used for profiling customers and potential customers. You can also predict their behaviors, manage and optimize communications. SAS A easily accessible, manageable and can analyze data from any source. Tableau Public A free software that connects any data source to your corporate data warehouse, Microsoft Excel or web-based data, and creates data views, maps, dashboards, etc. 9. The relationship of the data A displayed using the colors A² A The specific color A given to the related data and to another color for the unrelated data. Knime Knime developed in January 2004 by a team of software engineers at the University by Konstanz. KNIMET A is a leader in open source, reporting and integrated analysis tools that enable analysis and modeling of data through visual programming, integrates various components for data mining and machine learning through its modular data pipelining concept. You can easily manipulate your data and had it ad led ettonod ec rep eralopop ehcna A alitnics al .NOSJ o bdognom esabatad nu ,revrS LQS emoc amrofataip isaislaqu us atalbmessa eresse Aup ehc A nohtyP id etnatropmi acitsirettarac arltuNU ,isrevid idom ni Development of automatic learning models. development.

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