**IST 724** **Data Warehouse**

**Report 1**

**Mithila Nigudkar**

1. **Website**: https://www.azure.microsoft.com/

**Ranking criteria**:

Security:10

Content:10

Performance:10

User Experience:10

**Summary:**

Azure Synapse Analytics is an infinite analytic administration that unites information combination, undertaking information warehousing, and big data information. It gives you the opportunity to inquiry information based on your conditions, utilizing either serverless or committed asset at scale. Azure Synapse unites these universes with a bound together encounter to investigate, plan, oversee, and serve information for sure fire BI and AI needs. It has various features like serverless dedicated options, data lake exploration and many more. It helps to secure and deal with information with a wide scope of industry-driving security and consistence highlights.

1. **Website:** **https://cloud.google.com/bigquery/**

**Ranking criteria**:

Security:9

Content: 9

Performance:9

User Experience:9

**Summary:**

Serverless, profoundly versatile, and cost-efficient data warehouse distribution centre intended for business readiness. BigQuery enables data warehouse researchers and information experts to assemble and operationalise ML models on organized or semi-organized information, directly inside BigQuery utilising SQL in a negligible portion of time. It has various customers such as Toyota, The Home Depot, Twitter etc. Google BigQuery is considered as chief in the 2021 Forrester Wave: The cloud data warehouse. The present information pioneers require a warehousing stage that furnishes both profundity and broadness and with BigQuery, associations can open further information science and AI capacities while advancing information democratization and giving the most significant levels of accessibility.

1. **Website**: <https://www.exasol.com/>

**Ranking Criteria**

Security:8

Content: 8

Performance:8

User Experience:8

**Summary:**

The in-memory information base worked for examination. Aiding ventures all throughout the world transform logic for more than 20 years. Design that is open, adaptable, and extensible Exasol squeezes into any information climate, so you can begin right way. Exasol architecture consists of Sources, Exasol Data Analytics Engine and applications. Sources consist of NoSql, Hadoop, RDBMS, Streaming. Exasol Data Analytics Engine mostly contains deployment and applications are mainly dashboards, ad-hoc queries, ML/AI , Data Science. Exasol will always ensure that the data will always remain safe. It has many trusted customers such as adidas, dell, Badoo and many more.

1. **Website**: https://www.cloudera.com/

**Ranking Criteria**

Security:7

Content: 7

Performance:7

User Experience:7

**Summary:**

Data Warehouse simplifies investigation on enormous measures of information to many simultaneous clients without compromising rate, cost, or security. Effectively change all information, anyplace, into significant business understanding. CDP Data Warehouse empowers IT to convey a cloud-local self-administration scientific experience to BI investigators that goes from zero to inquiry in minutes. It beats different data warehouse on all sizes and sorts of information, including organized and unstructured, while scaling cost-adequately past petabytes. Running on Cloudera Data Platform (CDP), Data Warehouse is completely coordinated with streaming, information designing, and AI examination. It has a predictable structure that gets and gives administration to the entirety of your information and metadata on public, private and hybrid clouds.

1. **Website**: <https://www.stitchdata.com/>

**Ranking Criteria**

Security:6

Content: 6

Performance:6

User Experience:6

Summary:

Stitch very quickly transfers data from more than 150+ origin into data warehouse so that you can get rapid solutions. With Stitch we invest more energy surfacing significant bits of knowledge and less time dealing with the information pipeline. Stitch helps to manage the move of very vital business data. It reproduces all accessible important information from your data set and SaaS devices for nothing. No information dump essential. The most important feature of Stitch is it will never duplicate the data and the tables it will only select the area that is required in our data warehouse.

1. **Website**: <https://www.marklogic.com/>

**Ranking Criteria**

Security:5

Content: 5

Performance:5

User Experience:5

**Summary:**

MarkLogic Data Hub Service incorporates and ministers your endeavour information to give prompt business esteem. Running on a NoSQL establishment for speed and scale, it's multi-model, versatile, value-based, secure, and worked for the cloud. It is trusted my leading organizations such as JP Morgan, Johnson and Johnson, AIRBUS, SONY, Bank of America and many more. 10x quicker information joining and further developed engineer efficiency — with less danger when your information or business necessities change. Conquer data warehouse and get esteem quicker, disposing of grinding among IT and business objectives.

1. **Website**: <https://www.yellowbrick.com/>

**Ranking Criteria**

Security:4

Content: 4

Performance:4

User Experience:4

**Summary:**

Yellowbrick Data Warehouse is a high level, hugely equal handling (MPP) SQL data set intended for the most requesting bunch, constant, specially appointed, and blended responsibilities. It can run complex inquiries at up to petabyte scale across various hubs, with ensured sub-second reaction times. Yellowbrick was imagined determined to streamline value/execution. New SQL examination use cases are arising constantly, and more simultaneous clients are burning-through more specially appointed investigation. That requires more execution per dollar spent, and Yellowbrick design jumps the business in this regard.

1. **Website**: <https://www.microfocus.com/>

**Ranking Criteria**

Security:3

Content: 3

Performance:3

User Experience:3

**Summary:**

Micro Focus Vertica is ranked as one of the best Data Warehouse solutions. Micro focus receives top seller, based on reviews and ratings of customers. Also, based on the reviews that are received on the brand. As indicated by surveys included inside the Buyer's Guide, Vertica accomplished its positioning for its significant elements, speed, and an incentive for execution. A product just arrangement with complete independence from basic foundation, Vertica is trusted by driving information driven organizations, including Cerner, Guess? furthermore, Criteo more to convey speed, scale and dependability on mission-basic investigation.

1. **Website**: https://www.winningsolutionsinc.com/

**Ranking Criteria**

Security:2

Content: 2

Performance: 2

User Experience:2

**Summary:**

Information Warehousing is characterized as a framework utilized for announcing and data analysis and is viewed as a centre part of business insight. DWs are focal archives of coordinated information from at least one unique source. At WSI information bases are our business. Little, medium and enormous. Our centre skill is in planning and streamlining the data sets individuals use in their associations regularly to finish work. Your information distribution centre might be simply 20MB or it could be gigabytes or terabytes. In any case, Winning Solutions, Inc. comprehends that your business runs on that information regardless of how enormous or little the dataset is. WSI realize how to manage pictures and other record-based information, to hold your data set back from surpassing its size limits.

1. Website: https://panoply.io/why-panoply/

**Ranking Criteria**

Security:1

Content: 1

Performance:1

User Experience:1

**Summary:**

Your information is caught in data sets, records, and tools. Your group members need to get to precise, forward-thinking information. Analysts can't get their hands on the information they need to respond to complex inquiries. Business clients hang tight weeks for non-routine reporting or push ahead without it. Designing and IT are compelled to require basic work to be postponed to deal with information demands. Panoply unblocks your information. Information examiners win with 30x quicker report readiness on account of promptly accessible information. Business clients can audit results quicker with a 90% decrease in dashboard run time. Groups see a 20% expansion in the use of reports and information.