**Data Mining and Reporting TOOL**

Week 6

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**Abstract**

This document will answer the questions asked in assignment area in regards of Data Mining and Reporting Tool features

I have been a big proponent of Oracle and have chosen to use Oracle for my DW and my ETL too. This time around I would like to use Cognos as my reporting system as it is very intuitive software with a huge development history. It also incorporates well with Oracle. I also believe it can be used by users with different technical experiences.

Cognos is IBM's business intelligence (BI) and performance management software suite. The software is designed to enable business users without technical knowledge to extract corporate data, analyze it and assemble reports. Moreover, Cognos is composed of nearly three-dozen software products. Since, Cognos is built on open standards, the software products can be used with relational and multidimensional data sources from multiple vendors, including Oracle. (SearchCIO, 2001) In addition, we all know that smartphones are becoming more like small personal computers these days and more often business is performed on them. Therefore, Cognos 10 comes with mobile capability, allowing users to access a complete version of Cognos from mobile devices such as tablets and smartphones.

Cognos Business Intelligence helps everyone in the organization explore data freely and analyze key facts, quickly collaborate and become aligned with the organization. Cognos reporting provides business users with the capability to modify queries and personalize their reports without relying on IT, receive and interact with reports on their mobile devices with Cognos Mobile and when offline with IBM Cognos Active Report. IBM analysis capabilities enable your workforce to analyze information wherever and whenever they need with fully interactive, personalized workspaces for the web, mobile and the desktop - and even offline. With all the reporting and analysis, users are able to monitor and analyze metrics through the organization with scorecards. These scorecards can be meaningful and measurable where actions can be taken appropriately. Furthermore, with its real time reporting capabilities, Cognos is able to fire alerts to notify you about exceptional business events and task lists indicate actions that are being taken for each exceptional event. (IBM, Cognos Business Intelligence)

The best aspect of using Cognos is that it integrates well with Oracle. Because both Oracle and IBM have done extensive work on their tools, we are able to combine data from our Oracle system and take advantage our Oracle Fusion Middleware and non-Oracle infrastructure. This provides flexibility as the organization changes.

Overall, Cognos is a great tool for user of all levels of experience to use. It provides intuitive and robust features to create scorecards and dashboards. Its flexibility also allows the tools to incorporate well with other systems such as oracle.

# Works Cited

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