



Asian Institute of Technology
School of Engineering and Technology
Department of ICT

AT84.02: Business Intelligence and Analytics January 2021

ASSIGNMENT 1

Due: 23 February 2021

Acquiring of Business Intelligence Systems

Overview

Business Intelligence (BI) is a combination of architectures, databases, analytical tools, applications, and methodologies to help organizations to make more data-driven decisions. The main goal of BI is to enable interactive access to data, manipulate data, and provide information for appropriate analyses. The process of BI is based on the collection and organizing of data, analyze the information, and implement the knowledge into the actionable decision. For more than two decades, BI is still continuously evolving and keep adding features such as online analytical processing (OLAP), data visualization, and mobile functionality.

For an organization to get the best value from its data, it is important to select an appropriate BI tool that suits its needs. It is desirable to identify which features of the BI tool should have implemented considering it is user-friendly, easily adaptable, handle security issues and privacy data, integrated with other systems, and cost-efficient.

Task

Find *three* BI tools that can be used for the identified organization (i.e Bank, Hospital). It can be any type of organizations. Make a list and describe the major components of each BI tool. Among the BI tools which you will recommend to the organization and why?

Note:

1. Please submit your assignment as a PDF file to me at vatchara@ait.ac.th
2. The appropriate length should be 9-12 pages