ABSTRACT

DESIGN OF ANALYTICAL DASHBOARD
WITH SAP ANALYTICS CLOUD DIGITAL SERVICE
FOR FUNCTIONAL DASHBOARD PRODUCTION MODULE
(STUDY CASE PT. XYZ)

by

GLORIANI EKA SARI

NIM: 1202170115

Each company has a large amount of data, including PT. XYZ which is engaged in mining. PT. XYZ uses SAP as a company ERP information system that is useful for storing and integrating company data. This data will be stored and used in every company decision making which must be processed first to become useful information for the company. The process of collecting, analyzing and reporting data in the form of this information requires business intelligence (BI). BI is a concept, method and technology related to fact-based support systems. The aim of BI is to increase the company's access to historical data for analysis and periodic reports. One application that implements BI is SAP Analytics Cloud (SAC). SAC is a single solution for BI and collaborative business. By using SAC, PT. XYZ will make it easier to perform data discovery from both on-premise and cloud data sources. SAC also has an insight feature that is useful for displaying the information the company needs based on previous historical data or current data. The analytics dashboard capability by SAC also allows companies to view information in real-time and can be accessed on various devices. Therefore, this research will discuss how the SAP Analytics Cloud design process in the Production module of PT. XYZ using the Accelerated SAP (ASAP) method. The ASAP method consists of 5 stages, namely: Project Preparation, Business Blueprint, Realization, Final Preparation, and Go-Live. This research will discuss the stages of the Business Blueprint and focus on module production.

Keywords: **SAP** *Analytics Cloud, Production, Accelerated SAP, SAP, ERP, Analytics Dashboard*