

20IT7403 A - BUSINESS INTELLIGENCE

**A.Y. 2022-23**

**HOME ASSIGNMENT-4**

**Group : 4 students**

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| **S.No** | **Questions** | **CO** | **BTL** |
|  | Create a dashboard to decrease costs by optimizing device activity by monitoring and analyzing energy consumption | **CO4** | **Apply** |
|  | Create a dashboard to provide an understanding of the how a customer’s cost of goods compares to competitors and identify opportunities to lower costs. After identifying the lowest cost suppliers and the potential cost savings if the business were to switch to those suppliers, the decision makers can evaluate if the switch is suitable for the business. | **CO4** | **Apply** |
|  | Create a dashboard to reduce labor costs by sorting merchandise in an optimal manner. Implement BI solution can improve worker performance in the warehouse and thus help reduce labor costs and redundant workforce. | **CO4** | **Apply** |
|  | Create a dashboard to ensure that the goods / service are fit for purpose and meet customers’ expectations. | **CO4** | **Apply** |
|  | Create a dashboard to Improve productivity of planned production time. Track individual machine; OEE, Availability, Quality, and Performance KPIs | **CO4** | **Apply** |
|  | Create a dashboard to maximize production utilization in order to achieve higher profitability.   * Analyze the utilization rate for every period of time, error type and product type to figure out what should receive higher focus. * Understand total downtime in order to have a numeric reference that can be used to analyze trends and problematic areas. | **CO4** | **Apply** |
|  | Create a BI dashboard used for a very specific and solitary purpose. In this case, it’s to save lives. Having adequate access to proper personal protective equipment (PPE) is a necessity. Otherwise, infections could spread between nurses and at-risk patients. | **CO4** | **Apply** |
|  | Create a dashboard to analytics dashboard is designed for administrators of a university. And show them various metrics about the student population. | **CO4** | **Apply** |
|  | Create a dashboard to strategic dashboard that collects and monitors the overall financial health of an organization. | **CO4** | **Apply** |
|  | Create a dashboard to interactive tactical dashboard for a human resources department demonstrates a fantastic use of a wide variety of demographics data that is both up to the minute and able to be manipulated to display data from various periods. | **CO4** | **Apply** |
|  | Create a dashboard for a hospitality solution, which allows you to monitor everything from occupancy rates and utility costs to customer satisfaction. | **CO4** | **Apply** |
|  | Create a dashboard to o monitor everything from enrollment and attendance figures, to student exam results and graduation rates. Track a school’s enrollment details by noting the number of students, attendance percentages, and the specific numbers of male and female students by grade. | **CO4** | **Apply** |
|  | Create a dashboard to dashboard solution helps predict future trends. With a website visitors analysis dashboard, forecasted trends for a website’s visitors and purchasers is visualized in the dashboard. It can also be used to evaluate peak times for customer orders to fine-tune marketing campaigns. | **CO4** | **Apply** |

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