

20IT7403 A - BUSINESS INTELLIGENCE

**A.Y. 2022-23**

**HOME ASSIGNMENT-3**

**Group :3 Students**

|  |  |  |  |
| --- | --- | --- | --- |
| **Group** | **Questions** | **CO** | **BTL** |
|  | Marketing dashboard example is suitable for the marketing executives, managers, and professionals who review large amounts of data every day and aim to increase revenue based on sales growth. Most importantly, a marketing dashboard solution helps find identify the key sales metrics that are necessary to an organization’s growth. | **CO4** | **Apply** |
|  | A good manufacturing dashboard provides industry owners a way to manage their manufacturing solutions to ensure all metrics are monitored, whether evaluating equipment downtime or analyzing labor and production costs. A manufacturing dashboard keeps track of a company’s key production metrics for better productivity. | **CO3** | **Analyze & Apply** |
|  | A good telecom KPI dashboard helps managers maximize profits and provide outstanding customer service. They need to analyze data trends over time, but also need to track their team’s day-to-day operations. A telecommunication company’s long-term success depends on ensuring network availability and customer satisfaction. A telecom KPI dashboard guides accurate business decisions by identifying revenue based on network utilization. | **CO4** | **Apply** |
| https://www.boldbi.com/blog/10-great-business-intelligence-dashboard-examples#website-visitor-analysis-dashboard | |  |  |
|  | Patient satisfaction:Meeting healthcare’s most  fundamental mission The role of software in helping you measure,monitor and improve patient satisfaction |  |  |
|  | how organizations can determine and select the appropriate audiences for these efforts, and  how they can address the common risks and challenges of this emerging capability.  [**https://www.kaggle.com/vdimitrievska/patient-satisfaction-dataset**](https://www.kaggle.com/vdimitrievska/patient-satisfaction-dataset) | **CO3** | **Analyze & Apply** |
|  | Business analytics for life sciences companies  Leveraging analytics, business intelligence and performance management to improve operations  **•** Gain a complete view of the clinical development process  • Monitor performance against key milestones  • Integrate plans and budgets  • Aggregate customer, channel and product data  • Structure reporting to comply with regulatory requirements <https://www.kaggle.com/shrutimechlearn/customer-data> | **CO4** | **Apply** |
|  | Business Analytics for telcos  Leverage business intelligence, performance  management and predictive analytics to increase  revenue and improve operations  **https://www.kaggle.com/datasets/spscientist/telecom-data** | **CO4** | **Apply** |
|  | Making critical connections: predictive  analytics in government Improve strategic and tactical decision-making  **https://data.gov.in/** | **CO4** | **Apply** |
|  | Predicting optimal treatment outcomes:  Taking a new road for delivering quality care through advanced analytics  **https://patents.google.com/patent/WO2018138579A1/en** | **CO4** | **Apply** |
|  | Getting Smart About Your Workforce:  Why Analytics Matter, Workforce Analytics — More Effectively Managing Human Capital Challenges.  **https://www.kaggle.com/code/jacksonchou/hr-analytics** | **CO4** | **Apply** |
|  | Optimize HR team’s efficiencies with Attrition & Recruitment Analytics  **https://www.kaggle.com/code/jacksonchou/hr-analytics** | **CO4** | **Apply** |
|  | Optimize sales team’s efficiencies at  a pharma manufacturing giant  <https://www.kaggle.com/datasets/milanzdravkovic/pharma-sales-data> | **CO4** | **Apply** |
|  | Improving production efficiencies and order execution time for manufacturing company using BI analytics.Analyze  <https://catalog.data.gov/dataset?tags=manufacturing> | **CO3** | **Analyze & Apply** |
|  | Identify how profitability using BI and data analytics for the wholesale and distribution business  **https://www.kaggle.com/datasets/binovi/wholesale-customers-data-set** | **CO3** | **Analyze & Apply** |
|  | Using a power plant energy monitoring dashboard, plant operators can stay on top of a series of power plants with live production information, analyze turbine efficiency, or assess the company’s return on investment for various wind farm locations. | **CO4** | **Apply** |
|  | When it comes to healthcare dashboards, hospitals and other medical institutes monitor critical metrics to ensure long-term success for patients and healthcare providers, everything from hospital readmission rates to the average wait time for the dermatology department. Most importantly, providers need to analyze diagnostic trends or track patient satisfaction to examine their patients’ overall health. | **CO3** | **Analyze & Apply** |
|  | Your business solutions need an information technology dashboard to monitor everything in real time, from server and network availability to support ticket response times. An IT project management dashboard provides an outline of the financial health of an IT company. Furthermore, it displays detailed breakdowns of project statuses and customer satisfaction metrics | **CO3** | **Analyze & Apply** |
| https://www.boldbi.com/blog/10-great-business-intelligence-dashboard-examples#website-visitor-analysis-dashboard | |  |  |

|  |  |  |
| --- | --- | --- |
| Course Coordinators | Dr.G.JayaLakshmi |  |
| Module Coordinator | Mr.Y.sandeep |  |
| Program Coordinator | Dr G.Kalyani |  |
| Head of the Department | Dr M.Suneetha |  |