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| **Problem** | **Solution / Hypothesis** | **Unique Value** **Proposition** | | **Potential Data Sets** | **Stakeholders & Customers** |
| The Business Service team wishes to consolidate a new reporting framework, in order to achieve functional automation, and avoid repetitive computation of same-type indicators.  The seasonality analysis on the bus patronage is not yet conducted. While the effect of seasonality is an important property of the Transport network performance. | Two dashboards will be built to monitor the transport network performance. Additionally, various indicators could be adjusted by slicing on date range and transport mode (Bus or LightRail, MyWay Card or Ticket) etc.  The seasonality analysis and furthermore the anomalies detection will be conducted on the bus boarding data set. | **Benefits:**  Ongoing monitoring and continued awareness of the performance of the transport network;  Helping other Transport Canberra internal operations to solve problems and make operational decisions on Transport services;  Achieving functional automation and efficiency by using the dashboards to assist reporting;  Identifying the seasonality, trends and potential anomalies of the bus patronage assists to better understand the performance of Bus System.  **Strategic Alignment:**   * Open Data Strategy * Reporting consolidation | | - Bus and Light Rail Patronage data  - Bus Stops  - Bus Routes  - Bus Service Reliability and Punctuality  - Customer Feedback  - Australian Public Holiday Date Data  - Canberra Suburbs Postcode Location Data | **Business Sponsor:**  Olivia Jiang  **Main Business Area:**  Transport Canberra and Business Service (Bus and Light Rail Operation)  **Main Contact:**  Nathan Urban  **Stakeholders:**   * Selva Murugesan (IDA Team) * Executive Group Manager   **Other Directorates / Agencies:**  N/A |
| **Complexity - Type** | **Risk / Issues** |
| Data Access: low complexity  Dashboard building: med-high complexity  Data analysis: med-high complexity  Report collation: low-med complexity | Lacking of published data may cause incompletion of the dashboards. If this happens, we could temporarily remove relevant components from the dashboard template, and leave space for future extensions. |
| **Strategic Alignment** | **Clear Problem Statement** | **Actionable Impact** | | **Available data** | **Buy-in from Stakeholders** |
| High | High | High | | Med | High |
| **Cost and Resources** | | | **Key Success Indicators** | | |
| N/A | | | * Implementation of functionally efficient dashboards * Completion of data analysis report and case study * Collation of clear and extendable documentation | | |