**Performance Assessment**

SLM1 — TASK 1: DATA ANALYSIS

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Table of Contents

[Part I: Purpose and Function 3](#_Toc160369870)

[Part II: Business Intelligence Tool 3](#_Toc160369871)

[Part III: Data Cleaning Steps 3](#_Toc160369872)

# Part I: Purpose and Function

The purpose of the dashboard is to explore the readmission rates for the hospitals and try to uncover the root cause for said readmissions. For this assessment, both internal datasets and a publicly available dataset from the US. Census Bureau was used. Moreover, the datasets were joined, and a tableau dashboard was created to facilitate insights into the readmission rates.   
Our stakeholders encompass key figures within the organization, including the Senior Vice President of Hospital Operations (SVP), Vice President of Research (VP), and a Panel of Regional Vice Presidents (Regional VPs). By thoroughly analyzing the data and identifying the root cause, we can make informed decisions to reduce readmissions and potentially alleviate the financial burdens associated with them.

# Part II: Business Intelligence Tool

The business intelligence tool used was Tableau. Tableau serves as a valuable tool for presenting data insights to stakeholders due to its user-friendly interface, interactive dashboards, and dynamic visualizations, which make complex information easily understandable and accessible. Stakeholders can explore data from various angles in real-time, customize visualizations to their preferences, and collaborate effectively with others. Making the raw data in a format that is easily digestible for stakeholders is key to transforming data into actionable results (Leung, 2021).

# Part III: Data Cleaning Steps

Works Cited

Leung, K. (2021, September). *How Tableau Helps Your Organization Achieve Greater Data Insights*. Retrieved March 2024, from Datacamp: Rader Analytics: https://www.datacamp.com/blog/how-tableau-helps-your-organization-achieve-greater-data-insights