Humana/Mays

2020 Healthcare Analytics Case Competition

Transportation Challenge Prediction Analysis

Contents

|  |  |
| --- | --- |
| 1 | Executive Summary |
| 2 | Background |
| 3 | Data Preparation |
| 3.1 | Data Understanding |
| 3.2 | Feature Engineering |
| 4 | Exploratory Data Analysis |
| 5 | Modeling |
| 5.1 | Statistical Modeling |
| 5.2 | Machine Learning Modeling |
| 6 | Key Performance Indicator Analysis |
| 6.1 | Overall Feature Importance |
| 6.2 | Relationship with Response Variable |
| 7 | Overall Takeaways |
| 8 | Future Steps |
| 9 | Business Value Creation for Humana |
| 10 | Appendix |
| 11 | References |