**Model Development Phase Template**

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| Date | 15 JULY 2024 |
| Team ID | 739826 |
| Project Title | View count visionary:a data driven approach to forecasting youtube videos views |
| Maximum Marks | 5 Marks |

**Model Selection Report**

In the model selection report provides a structured approach to documenting the model selection process in your YouTube video views forecasting project, focusing on performance evaluation and rationale for selecting the best-performing model(s).Adjust the details and metrics based on your specific project requirements and results obtained.

**Model Selection Report:**

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| **Model** | **Description** |
| Decision tree | A supervised learning algorithm that splits data into subsets based on input features, creating a tree-like model of decisions. |
| Random forest | An ensemble learning method that builds multiple decision trees and averages their results to improve accuracy and reduce overfitting. |