Time Spent on Gameplay and Associated Behaviors

Rita and Her Friends

Team Number: C10
Participants: Xinyu Dong, Chuxuan He, Zhiyan Ying, Xiaoxian Shen, Yongjia Huang
Knowledge Minigame across three players

<table>
<thead>
<tr>
<th>Player</th>
<th>total action</th>
<th>total completion</th>
<th>total time</th>
<th>time per action</th>
<th>knowledge skill</th>
</tr>
</thead>
<tbody>
<tr>
<td>Player 1</td>
<td>942</td>
<td>6</td>
<td>4790</td>
<td>5.08492569002123</td>
<td>6</td>
</tr>
<tr>
<td>Player 2</td>
<td>4358</td>
<td>34</td>
<td>6084</td>
<td>1.3960532354291</td>
<td>29</td>
</tr>
<tr>
<td>Player 3</td>
<td>2032</td>
<td>12</td>
<td>5061</td>
<td>2.49064960629921</td>
<td>16</td>
</tr>
</tbody>
</table>

Initial Observation

```
call: lm(formula = as.numeric(time_string1) ~ as.numeric(time_string))

Residuals:
    Min      1Q  Median      3Q     Max
-6082.9 -1383.1  29.5  1272.5  6042.1

Coefficients:    Estimate Std. Error t value Pr(>|t|)
(Intercept)       3357.2458  272.2038   12.334  <2e-16 ***
as.numeric(time_string)  0.6857   0.0689    9.952  <2e-16 ***

Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 1

Residual standard error: 2085 on 164 degrees of freedom
(1 observation deleted due to missingness)
Multiple R-squared:  0.3765,    Adjusted R-squared:  0.3727
F-statistic: 99.04 on 1 and 164 DF,  p-value: < 2.2e-16
```