

# Darts Practice Report 2025-03-14

This report contains analysis of my darts practice routine.

The data was gathered from the `practice_data.db` database, and visualisations created showing performance against the objectives of each game.

Plotly was used to create the visualisations due to its dedicated table visualisation and easy chart formatting

## Analysis Objectives

The purpose of this report is to assess performance for each practice game and identify areas for improvement. The main objectives can be defined as:

- Reduce number of attempts at each single number
- Increase number of hits at each double number
- Improve scoring average
- Improve checkout percentage
- Increase number of legs won

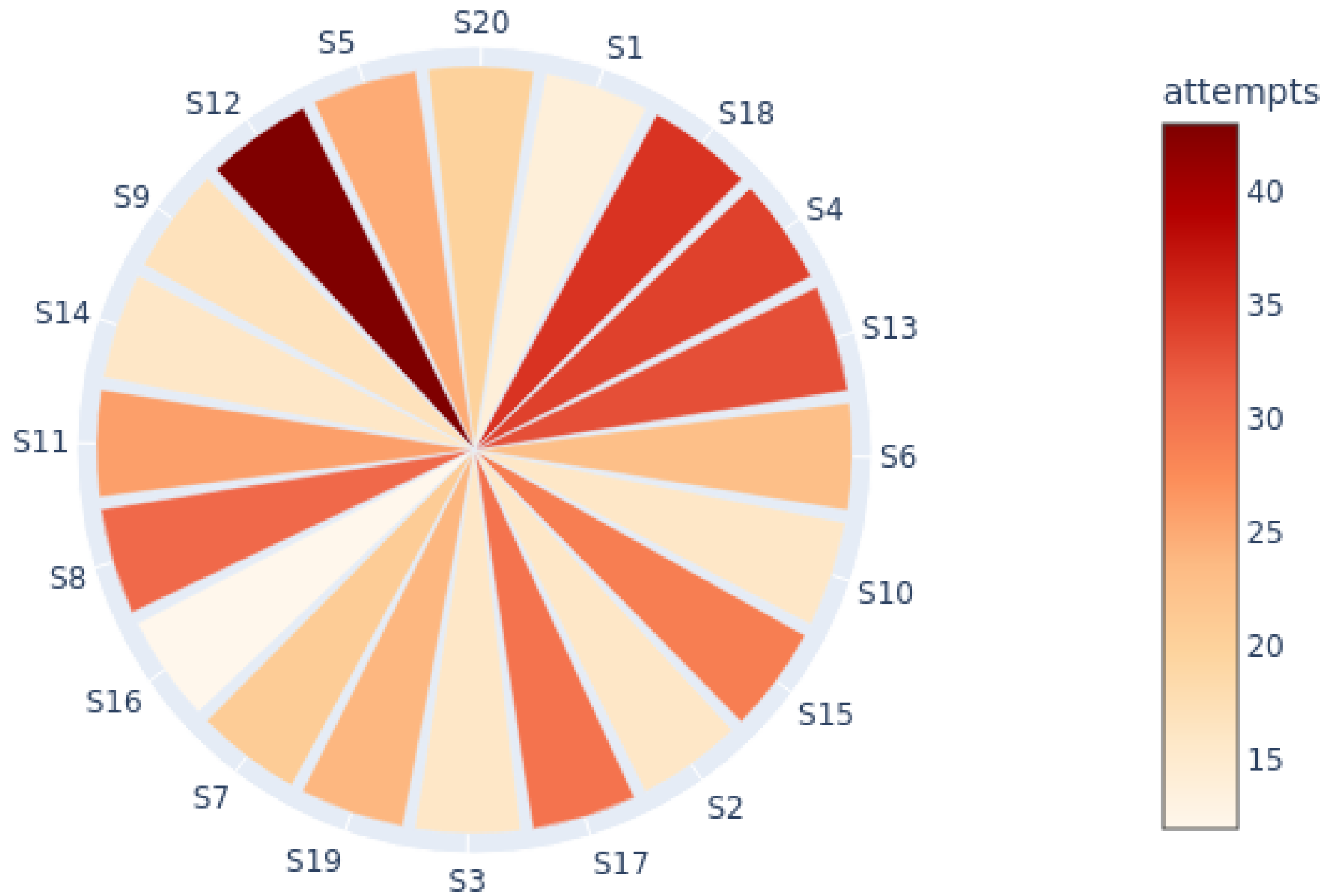
## Table of Contents

- Page 2: Singles RTW Summary Table
- Page 3: Singles RTW Heatmap
- Page 4: Doubles RTW Summary Table
- Page 5: Doubles RTW Heatmap
- Page 6: 501 Summary Table & Time Series Analysis

# Round the World (Singles) Data Table

target	total_attempts	25th_perc	median	75th_perc
<i>S16</i>	<i>12</i>	<i>1</i>	<i>1</i>	<i>2</i>
<i>S1</i>	<i>14</i>	<i>1</i>	<i>1.5</i>	<i>2</i>
<i>S3</i>	<i>16</i>	<i>1</i>	<i>1.5</i>	<i>3</i>
<i>S2</i>	<i>16</i>	<i>1</i>	<i>2</i>	<i>2</i>
<i>S10</i>	<i>16</i>	<i>2</i>	<i>2</i>	<i>2</i>
<i>S14</i>	<i>16</i>	<i>1</i>	<i>1.5</i>	<i>3</i>
<i>S9</i>	<i>17</i>	<i>1</i>	<i>1.5</i>	<i>3</i>
<i>S20</i>	<i>20</i>	<i>1</i>	<i>2</i>	<i>4</i>
<i>S7</i>	<i>21</i>	<i>2</i>	<i>2.5</i>	<i>3</i>
<i>S6</i>	<i>23</i>	<i>2</i>	<i>2.5</i>	<i>3</i>
<i>S19</i>	<i>24</i>	<i>1</i>	<i>1.5</i>	<i>4</i>
<i>S5</i>	<i>25</i>	<i>2</i>	<i>3</i>	<i>4</i>
<i>S11</i>	<i>26</i>	<i>1</i>	<i>2</i>	<i>2</i>
<i>S15</i>	<i>29</i>	<i>2</i>	<i>2</i>	<i>3</i>
<i>S17</i>	<i>30</i>	<i>3</i>	<i>3.5</i>	<i>5</i>
<i>S8</i>	<i>31</i>	<i>1</i>	<i>2.5</i>	<i>4</i>
<i>S13</i>	<i>33</i>	<i>3</i>	<i>4</i>	<i>6</i>
<i>S4</i>	<i>34</i>	<i>3</i>	<i>3.5</i>	<i>6</i>
<i>S18</i>	<i>35</i>	<i>3</i>	<i>3</i>	<i>4</i>
<i>S12</i>	<i>43</i>	<i>2</i>	<i>5</i>	<i>8</i>

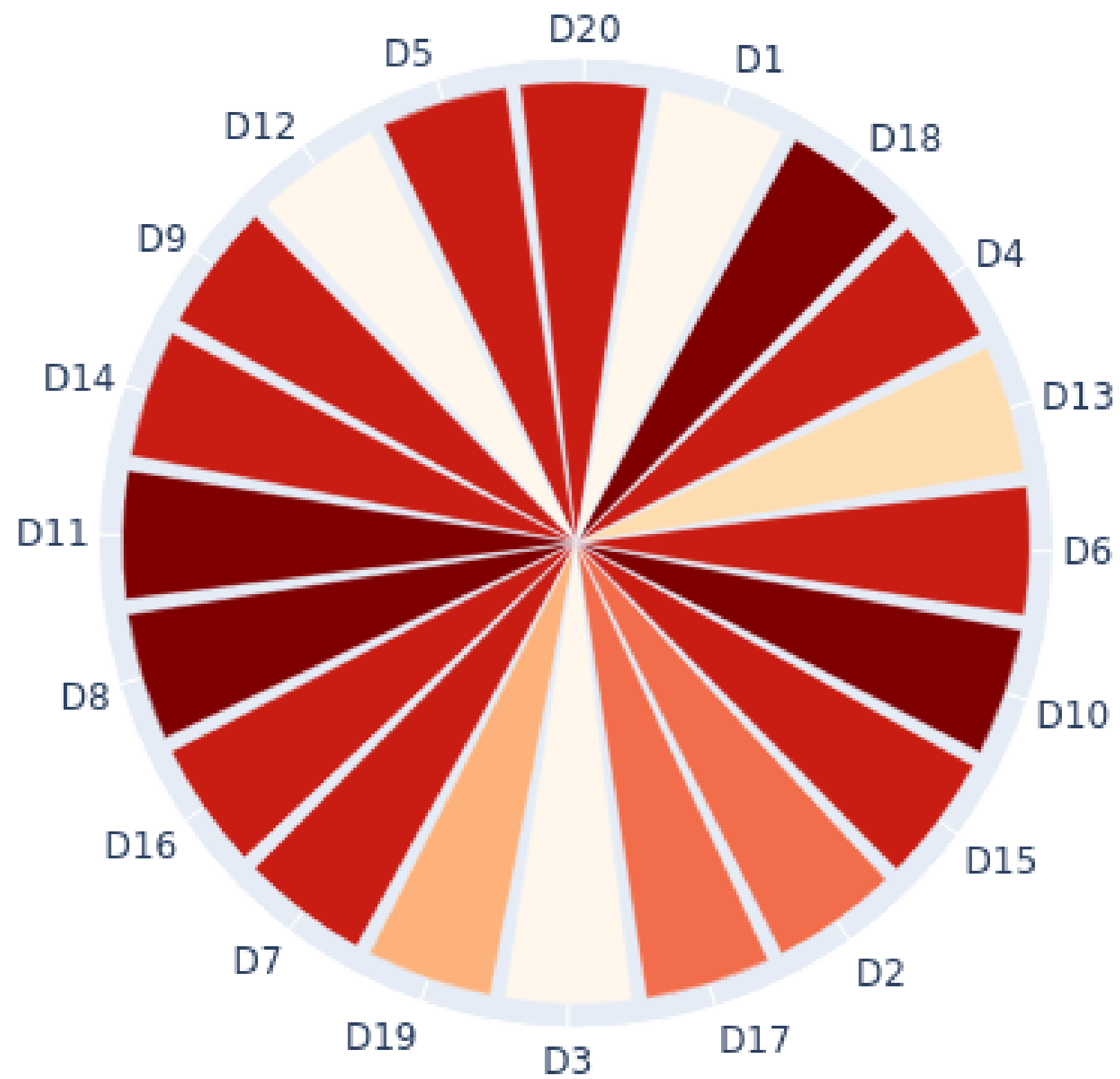
# Round the World (Singles) Heatmap



# Round the World (Doubles) Data Table

target	total_hits	25th_perc	median	75th_perc
<i>D12</i>	<i>5</i>	<i>0</i>	<i>1</i>	<i>1</i>
<i>D1</i>	<i>5</i>	<i>0</i>	<i>0</i>	<i>2</i>
<i>D3</i>	<i>5</i>	<i>0</i>	<i>0</i>	<i>2</i>
<i>D13</i>	<i>4</i>	<i>0</i>	<i>0</i>	<i>1</i>
<i>D19</i>	<i>3</i>	<i>0</i>	<i>0</i>	<i>1</i>
<i>D2</i>	<i>2</i>	<i>0</i>	<i>0</i>	<i>1</i>
<i>D17</i>	<i>2</i>	<i>0</i>	<i>0</i>	<i>1</i>
<i>D15</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>D4</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>D16</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>D6</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>D5</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>D7</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>D20</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>D9</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>D14</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>D8</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>D11</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>D18</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>D10</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>

# Round the World (Doubles) Heatmap



# 501 Legs Analysis

legs	n_darts	scoring_avg	checkout_percentage	win_percentage
21	51	37.58	0.07	0.62

