Doubling Down on Doubling Out

Using Enterprise Guide to Plan Darts Domination

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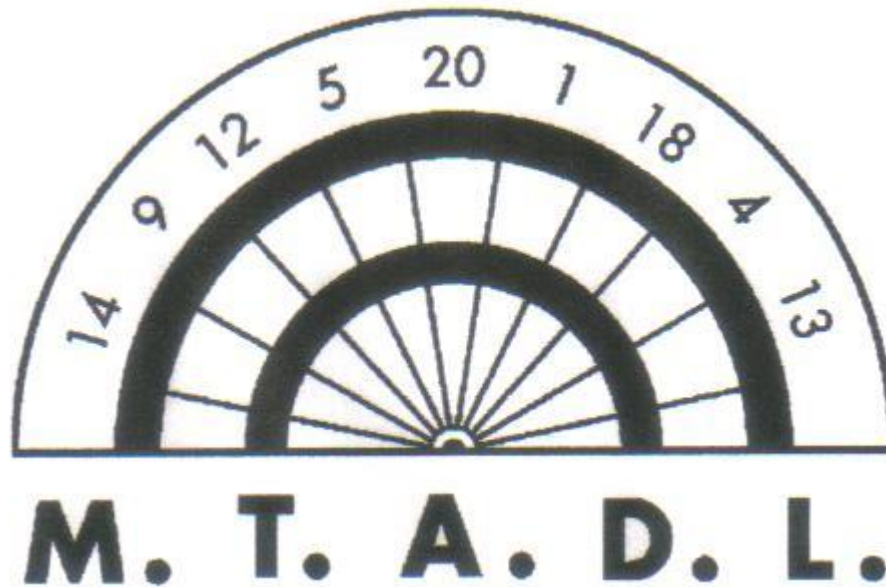
Agenda

- Overview

- Format

- Scenario

- Data

- Methodology

- Demo

- Alternatives

- Final Thoughts

Format

M. T. A. D. L.

- 12 games/night
  - 3 paired 501
  - 6 singles
  - 3 paired cricket

Scenario

Data

Match Details & Results

Name	Win % location	win % pair	win % 501	win % individual	win % cricket	win % vs. male	win % vs. female	Streak
Tony Bottino	100	100	100	100	100	100	100	10 wins
Susan McLimont	80	75	80	89	20	96	85	3 wins
Matt Malczewski	83	75	85	87	15	84	76	1 loss
Lisa Bertoncini	60	67	90	54	10	50	56	1 loss
Boris Christoff	86	96	46	24	54	98	0	1 win
Jeb Bensmiller	79	86	78	58	22	24	43	1 win
Suzanne Bennett	75	0	32	84	68	46	42	1 win
Ian Kuba	75	84	24	72	76	0	25	1 win
Gina Schwamborn	0	80	88	50	12	52	86	1 loss
Mark McLeish	0	25	69	83	31	62	92	1 win

Methodology

- Assumed Fixed Location (i.e. Opponents Bar)

- Plot Desired Matchups vs. Potential Opposition

- Caveats
  - Game restrictions
  - Ignoring random factor
  - Ignoring strategy
  - Assuming no one has identical winning % (gender)

| 501-1 (Best) |
| 501-1 (2nd Best) |
| 501-2 (3rd Best) |
| 501-2 (4th Best) |
| 501-3 (5th Best) |
| 501-3 (6th Best) |

| S1 Male (Best Single v. Male) |
| S2 Female (Best Single v. Female) |
| S3 Male (2nd Best Single v. Male) |
| S4 Female (2nd Best Single v. Female) |
| S5 Male (3rd Best Single v. Male) |
| S6 Female (3rd Best Single v. Female) |

| Cricket 1 (Best) |
| Cricket 1 (2nd Best) |
| Cricket 2 (3rd Best) |
| Cricket 2 (4th Best) |
| Cricket 3 (5th Best) |
| Cricket 3 (6th Best) |

Leverage Enterprise Guide

- How Can EG Help?
  - Determine 'Rank' (Singles & Doubles)
  - Create New Computed Columns
  - Create & Merge New Tables for Best Players, Best Line-Ups
  - Give Multiple Options for Different Scenarios
    - » Parameters, Filtered Queries, Etc.
  - Reporting

Demo

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Final Thoughts

- EG helps 'Optimize' the Line-Up

- In Essence, an Operational Research Problem

- Alternatives
  - 'DO' Loop
  - Parameters
  - 'IF' Statements

- Output = Easy Understanding
  - Could Also Create New Tables out of Computed Columns and Merge Results

- Did it Work?

Champs Once Again!

Adam ▶ Metro
Toronto Area Dart League (MTADL)
April 17 via mobile

near Toronto

C Division Final - Dirty Gravy comes from behind to defeat Arrers n Ale in a 1001 tie-breaker. Well played by both teams and congratulations to Dirty Gravy. — with Lisa Bertoncini, Boris Christoff, Ian Kuba, Susan McLimont, Tony Bottino, Suzanne Bennett, Mark McLeish, Gina Schwamborn and Jeb Bensmiller.

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Bob Shuster Congratz, well done!!

Write a comment...

Thank You

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