Tennis Match Winning Prediction

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1. **Number of instances**: 104.

2. **Number of attributes**: 2 object type and 11 numeric, including predictive attributes and the class.

3. **Attributes information**:

    (a) **Player_Name**: Name of the player(string type).

    (b) **Opponent_Name**: Name of the opponent(string type).

    (c) **ATP Rating_Player**: Rating earned by the player(number).

    (d) **ATP Rating_Opponent**: Rating earned by the opponent(number).

    (e) **Aces_Player**: No of Aces won by player (number).

    (f) **Aces_Opponent**: No of Aces won by opponent(number).

    (g) **Double Faults_Player**: Double Faults committed by player(number).

    (h) **Double Faults_Opponent**: Double Faults committed by the opponent(number).

    (i) **FSP_Player**: First Serve Percentage for player(number).

    (j) **FSP_Opponent**: First Serve Percentage for opponent(number).

    (k) **Result(predict)**:
        - 1 if player wins .
        - 0 if player looses.

4. **Missing attribute values**: None.

5. **Summary of the dataset**:

	count	mean	std	min	25%	50%	75%	max
ATP Rating_Player	104.00	54.05	72.35	1.00	10.00	34.00	68.25	459.00
ATP Rating_Opponent	104.00	54.77	84.33	2.00	15.00	35.00	81.50	769.00
Aces_Player	104.00	7.73	4.26	1.00	4.00	7.00	11.00	29.00
Aces_Opponnet	104.00	7.24	4.50	0.00	4.00	6.00	9.25	23.00
Double Faults_Player	104.00	2.23	2.23	0.00	1.00	2.00	3.25	10.00
Double Faults_Opponnet	104.00	2.23	2.23	0.00	1.00	2.00	3.00	8.00
FSP_Player	104.00	64.27	7.86	41.00	60.00	63.50	70.00	85.00
FSP_Opponent	104.00	64.63	7.50	46.00	60.00	64.00	70.25	85.00
Result	104.00	0.57	0.49	0.00	0.00	1.00	1.00	1.00

6. **Sources**:

   (a) Creator: Faiza Omar

   (b) Data Collection Source: ATP WORLD TOUR

   (c) Date: February, 2018