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TOTAL POINTS 9

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1. Top word count words for Elton John   `1 point`

- ◯ **(the, john, singer)**
- ◯ **(england, awards, musician)**
- ⦿ **(the, in, and)**
- ◯ **(his, the, since)**
- ◯ **(rock, artists, best)**

2. Top TF-IDF words for Elton John   `1 point`

- ⦿ **(furnish,elton,billboard)**
- ◯ **(john,elton,fivedecade)**
- ◯ **(the,of,has)**
- ◯ **(awards,rock,john)**
- ◯ **(elton,john,singer)**

3. The cosine distance between 'Elton John's and 'Victoria Beckham's articles (represented with TF-IDF) falls within which range?   `1 point`

- ◯ **0.1 to 0.29**
- ◯ **0.3 to 0.49**
- ◯ **0.5 to 0.69**
- ◯ **0.7 to 0.89**
- ⦿ **0.9 to 1.0**

4. The cosine distance between 'Elton John's and 'Paul McCartney's articles (represented with TF-IDF) falls within which range?   `1 point`

- ◯ **0.1 to 0.29**
- ◯ **0.3 to 0.49**
- ◯ **0.5 to 0.69**
- ⦿ **0.7 to 0.89**
- ◯ **0.9 to 1**

5. Who is closer to 'Elton John', 'Victoria Beckham' or 'Paul McCartney'?   `1 point`

- ◯ **Victoria Beckham**
- ⦿ **Paul McCartney**

6. Who is the nearest cosine-distance neighbor to 'Elton John' using raw word counts?   `1 point`

- ◯ **Billy Joel**
- ⦿ **Cliff Richard**
- ◯ **Roger Daltrey**
- ◯ **George Bush**

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7. Who is the nearest cosine-distance neighbor to 'Elton John' using TF-IDF?   1 point

- ○ Roger Daltrey
- ● Rod Stewart
- ○ Tommy Haas
- ○ Elvis Presley

8. Who is the nearest cosine-distance neighbor to 'Victoria Beckham' using raw word counts?   1 point

- ○ Stephen Dow Beckham
- ○ Louis Molloy
- ○ Adrienne Corri
- ● Mary Fitzgerald (artist)

9. Who is the nearest cosine-distance neighbor to 'Victoria Beckham' using TF-IDF?   1 point

- ○ Mel B
- ○ Caroline Rush
- ● David Beckham
- ○ Carrie Reichardt

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