Question 1

1  
point

**1. Question 1**

Top word count words for Elton John

**(the, john, singer)**

**(england, awards, musician)**

**(the, in, and)**

**(his, the, since)**

**(rock, artists, best)**

Question 2

1  
point

**2. Question 2**

Top TF-IDF words for Elton John

**(furnish,elton,billboard)**

**(john,elton,fivedecade)**

**(the,of,has)**

**(awards,rock,john)**

**(elton,john,singer)**

Question 3

1  
point

**3. Question 3**

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

**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**

Question 4

1  
point

**4. Question 4**

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

**0.1 to 0.29**

**0.3 to 0.49**

**0.5 to 0.69**

**0.7 to 0.89**

**0.9 to 1**

Question 5

1  
point

**5. Question 5**

Who is closer to 'Elton John', 'Victoria Beckham' or 'Paul McCartney'?

**Victoria Beckham**

**Paul McCartney**

Question 6

1  
point

**6. Question 6**

Who is the nearest neighbor to 'Elton John' using raw word counts?

**Billy Joel**

**Cliff Richard**

**Roger Daltrey**

**George Bush**

Question 7

1  
point

**7. Question 7**

Who is the nearest neighbor to 'Elton John' using TF-IDF?

**Roger Daltrey**

**Rod Stewart**

**Tommy Haas**

**Elvis Presley**

Question 8

1  
point

**8. Question 8**

Who is the nearest neighbor to 'Victoria Beckham' using raw word counts?

**Stephen Dow Beckham**

**Louis Molloy**

**Adrienne Corri**

**Mary Fitzgerald (artist)**

Question 9

1  
point

**9. Question 9**

Who is the nearest neighbor to 'Victoria Beckham' using TF-IDF?

**Mel B**

**Caroline Rush**

**David Beckham**

**Carrie Reichardt**