

# Milestones in Data Science

Data Science History · Practice Test · 10 Questions

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**1. Who is credited with coining the term 'Data Science' in 1974 in his book 'Concise Survey of Computer Methods'?**

- A) Peter Naur
- B) John Tukey
- C) C.F. Jeff Wu
- D) William S. Cleveland

**2. In which year was the term 'Big Data' first officially used in a technical context, often attributed to the report by NASA researchers Michael Cox and David Ellsworth?**

- A) 1992
- B) 1997
- C) 2001
- D) 2005

**3. The term 'K-Means' for the popular clustering algorithm was first coined by which researcher in 1967?**

- A) James MacQueen
- B) Stuart Lloyd
- C) Edward Forgy
- D) Jean-Baptiste Macris

**4. What was the name of the first programming language designed specifically for statistical computing, released by Bell Labs in 1976?**

- A) Python
- B) S
- C) R
- D) SAS

**5. In 1996, the 'CRISP-DM' methodology was initiated; what does the acronym stand for?**

- A) Cross-Industry Standard Process for Data Mining
- B) Computational Research in Statistical Programming
- C) Coordinated Research Initiative for Science and Data Management
- D) Comprehensive Review of Integrated Statistical Data Models

**6. Which seminal paper, published by Leo Breiman in 2001, introduced the 'Random Forest' algorithm to the data science community?**

- A) Random Forests
- B) Statistical Modeling: The Two Cultures
- C) Machine Learning Foundations
- D) Decision Tree Ensembles

**7. Which company is credited with developing 'Hadoop', the framework that revolutionized big data processing, in 2006?**

- A) Google
- B) Yahoo
- C) Amazon
- D) Microsoft

**8. The first implementation of the 'Support Vector Machine' (SVM) algorithm was proposed in 1992 by which group of researchers?**

- A) Boser, Guyon, and Vapnik
- B) Breiman and Friedman
- C) Hastie and Tibshirani
- D) Bengio and Lecun

**9. In 2008, the job title 'Data Scientist' was formally popularized by Jeff Hammerbacher and DJ Patil while they were working at which two companies?**

- A) Facebook and LinkedIn
- B) Google and Amazon
- C) Twitter and Uber
- D) Microsoft and Apple

**10. What was the primary focus of the 'Netflix Prize', which launched in 2006 and significantly advanced collaborative filtering research?**

- A) Predicting movie ratings
- B) Detecting fraudulent account usage
- C) Optimizing video streaming latency
- D) Automating film metadata tagging