

Name \_\_\_\_\_

## Magic in Numbers: How Machine Learning Powers Big Data Analytics

### Open-Ended Response Questions

1. Discuss a specific application of machine learning in healthcare and its benefits.
2. Imagine you are a data scientist. How would you approach cleaning and preprocessing a large dataset before analysis?
3. How can machine learning be used to improve the efficiency of supply chain management in a retail company?
4. Explain the concept of bias in machine learning algorithms and its potential consequences. How can bias be mitigated?

