



# Health of North Carolinians Alternative Database Products



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# Introduction



- The goal is to improve health of North Carolinians
  - The department will deploy care plans
  - We had to compare and contrast databases
  - We compared: **Mysql, Oracle, and IBM**
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# Products



- MySQL
  - Oracle Database
  - IBM Db2
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# MySQL



- Used for both small and large applications.
- It is a relational database (RDBMS)
- MySQL is fast, reliable, and flexible
- Fully Multithreaded
- Works on many different platforms



# Oracle Database



- Quickly store and retrieve data
  - It is cross-platform
  - ACID-Compliant
  - Is a relational database
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# IMB Db2



- RBDMS
- Developed for Resilience/Efficiency
- AI-powered capabilities
- Makes it easier to access data



# Comparison



- All 3 are relational databases
- MySQL is open source
- Db2 is known to be very scalable
- Oracle has wide array of tools

# Opinion/Takeaway



- Each database has own strengths
- We will be working with large datasets
- Cost is an important factor
- Oracle is more robust for larger data sets





# Conclusion



- Oracle is the best choice for us
  - Oracle is well worth the money
  - Oracle is perfect for our large database
  - Oracle Flashback is a major benefit
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