



What is Data Science

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Mathematical Foundations

Data

X

Answers

Y

Hidden Structure

Z

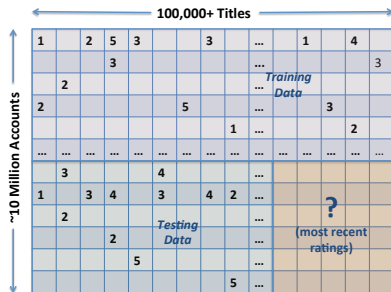
Will NetFlix user 24601 like Transformers?



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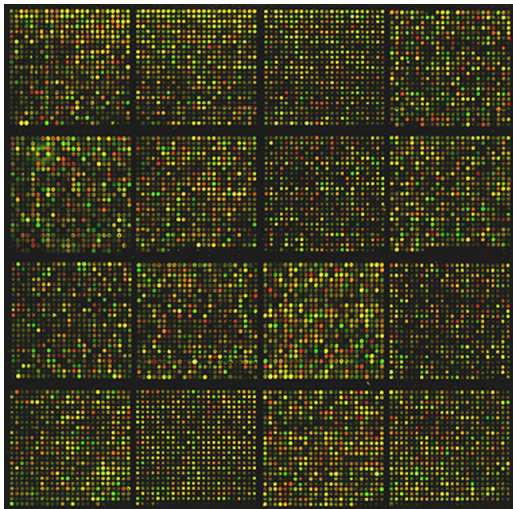
How do you know?



Group many images and determine the number of groups



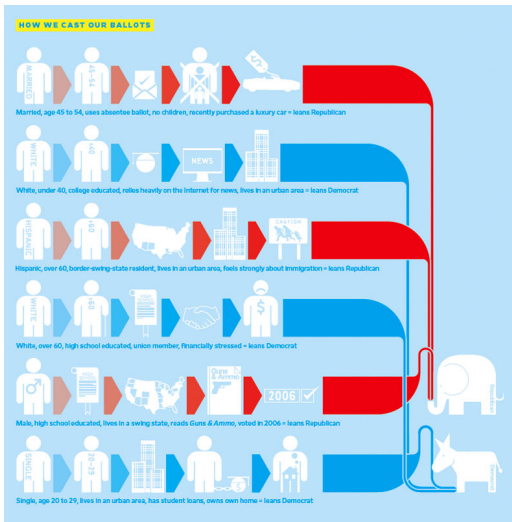
Which genes are associated with a disease? How can expression values be used to predict survival?



Is it likely that this stock was traded based on illegal insider information?



Who will vote and for whom?



Is this spam?

Subject: CHARITY.

Date: February 4, 2008 10:22:25 AM EST

To: undisclosed-recipients;

Reply-To: s.polla@yahoo.fr

Dear Beloved,

My name is Mrs. Susan Polla, from ITALY. If you are a christian and interested in charity please reply me at : (s.polla@yahoo.fr) for insight.

Respectfully,

Mrs Susan Polla.

Where are the faces?



Data contain patterns
that can help us solve problems.