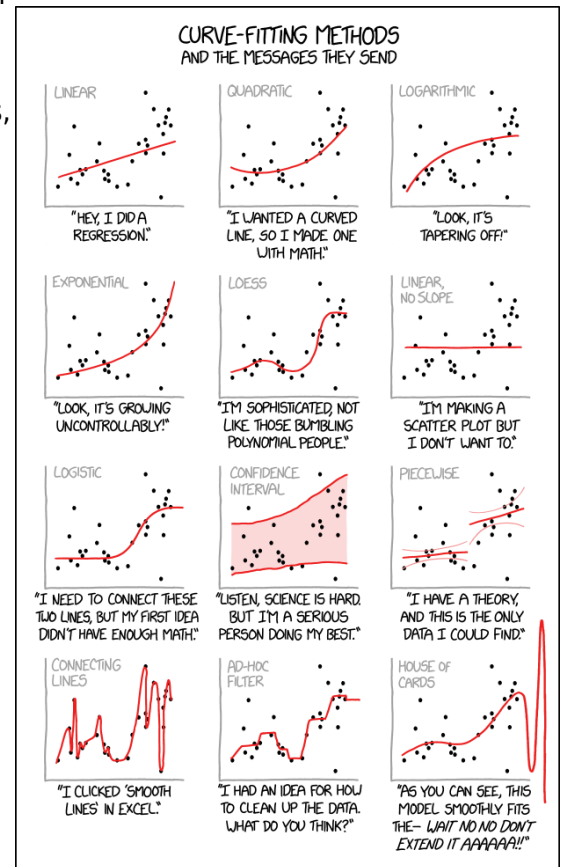


The math behind data analysis algorithms

The math behind algorithms made with for example decision trees, naive Bayes classification, ordinary least squares regression, logistic regression, support vector machines, ensemble methods, clustering, principal component analysis, singular value decomposition and independent component analysis.

- Clustering
 - K-means algorithm
 - Optics algorithm
- Classification
 - Decision trees
 - Naive Bayes classification
 - Support vector machines
 - Ensemble methods
 - Classification performance
- Regression
 - Ordinary least squares regression
 - Logistic regression
- Component analysis
 - Principal component analysis
 - Singular value decomposition
 - Independent component analysis
- Machine learning



mathematics, data-analysis, data, analysis

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Last update: **2018/09/20 21:03**

