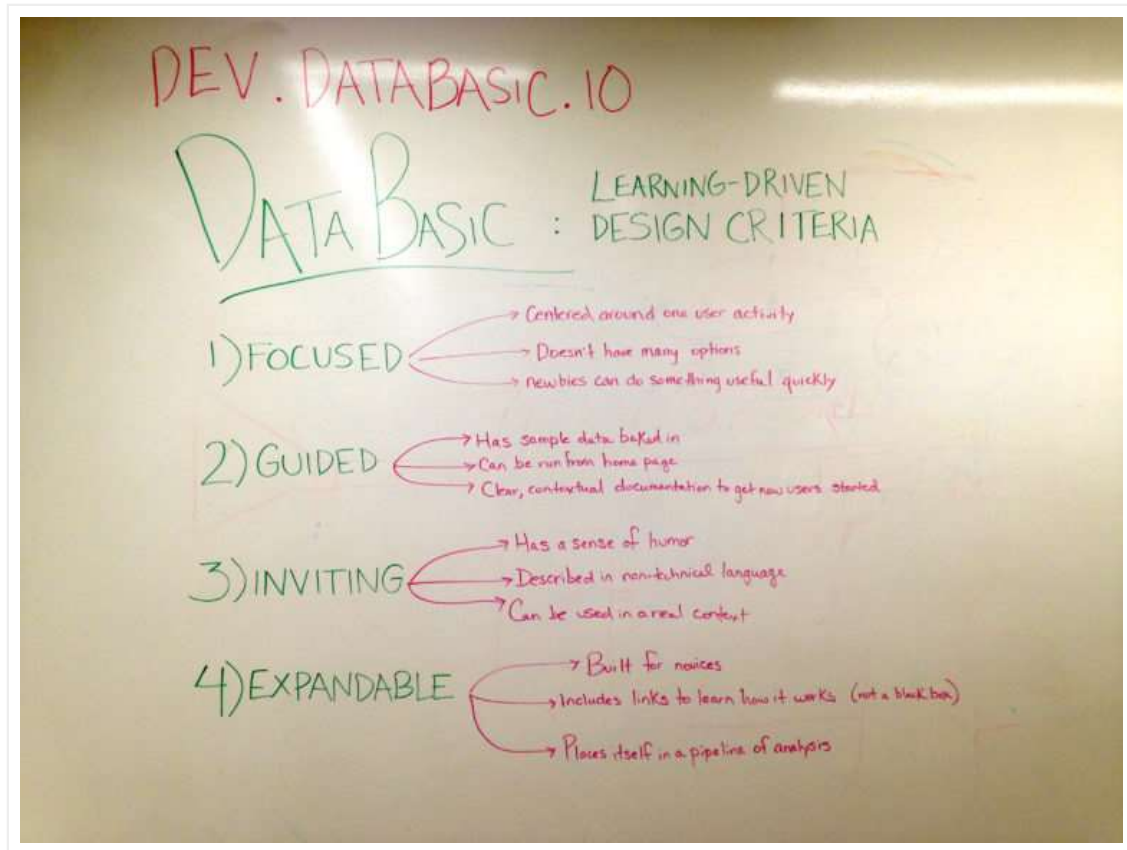


# DataBasic's Guiding Principles

Posted on **November 25, 2015** by [kanarinka](#)



## — DataBasic's Guiding Principles

These are the design principles that we used to build DataBasic. They come from our paper [Designing Tools and Activities for Data Literacy Learners](#). In order to support learners (rather than users who already know what they are doing), we say that tools should be:

1. Focused
  - A. Centered around one user activity
  - B. Doesn't have too many options
  - C. Newbies can do something meaningful quickly
2. Guided
  - A. Has sample data baked in
  - B. Can be run from home page
  - C. Clear, contextual documentation to get new users started
3. Inviting
  - A. Has a sense of humor!

- B. Described in non-technical language
  - C. Can be used in a real context
4. Expandable
- A. Built for novices
  - B. Includes information about how it works (not a black box)
  - C. Places itself in a pipeline of analysis

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