

Interview Exercise – Data Viz / Business Intelligence

Hacker News (<https://news.ycombinator.com>) is a news aggregation site geared at the technology community. The site is a collection of links/stories submitted by users, and each story can be discussed by the Hacker News community in the comments' forum.

You can find two CSV dumps of hacker news metadata here:
<https://github.com/arnauddri/hn#dumps>.

Using this data and other outside information, please answer the following questions:

- What's the growth rate of stories posted to Hacker News over time?
 - What's the growth rate of comments?
 - If you were the product manager of Hacker News, would you be concerned by the trends?
- A big goal of Hacker News is to drive user/community engagement.
 - Has the quality of comments increased over time?
 - How can we estimate/forecast this?
- What are the major websites that have links on Hacker News?
 - What can we do with this information?
 - What ideas do you have for driving additional user engagement to Hacker News?

Please come prepared with quantitative and qualitative analysis & insights to discuss your findings.

Note: preferred that you present your findings in Tableau.

P.S. here are some areas you could be tested on:

- Analytical and Business Intelligence background
- Cognitive agility
- Data mining / data visualization / data storytelling – best practices etc.
- Leadership experience (lead any projects, launch any tools, etc.)
- You will be asked to code in SQL
- Largest dataset you've processed (i.e. GBs, TBs)