Preparing for the Technical Interview

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Review

Technical Interviews

- Analogous to candidacy / qualifying exams
  - Usually several interviews
  - Takes several months to prepare. Don’t underestimate this.
- Subject matter – depends on the particular job
  - Computer Science / Engineering
  - Machine Learning
  - Statistics / Probability
  - SQL / No-SQL Databases
- Interview types
  - White Boarding
  - Paired Coding
  - Demo Projects
  - Case Studies
  - Data Challenges

Case studies & data challenges

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Reading published case studies and taking notes helps!

Case Studies

- ***EXAMPLE CASE STUDY*** *from Data Skeptic*
- ***EXAMPLE CASE STUDY*** *from CarMax*

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Your Erdős project will be a close simulation to a Data Challenge (except you won't choose the prompt or data!)

How do I prepare?

Preparation Tips

- Practice, practice, practice -- out loud and with others (not just silent reading by yourself!)
- Use our **tech interview resources**
- Keep going to the **small group practice sessions**

Keep it up!

- This is the last of 3 lectures on technical interview prep
- Dedicated weekly Gather group sessions continue
  - 1 problem set on case studies
  - 2 problem sets on data challenges

Contact me on our Slack channel :)