

# Preparing for the Insight Health Data Interview



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# Outline

- Insight admissions process
- Before the interview
- During the interview
  - Tell me about your research
  - Technical demo
  - Why DS / health / Insight?
  - Questions for me?
- Questions

# **Admissions process for Insight Health Data**

# Insight Health Data Admissions

1. Online application - *deadline extended to Monday, 7/27!*
2. One or multiple 15-30 minute remote interviews
3. Decision



# **Before the Interview**

# Do your homework

- Read the invitation to interview email carefully
- Prepare to talk about your research
- Prepare a technical demo
- Why are you interested in Insight? Why Data Science?

**In the interview:**  
***Tell me about your research***

# Why do we ask this?

- To learn more about you and your background
- To see how you communicate complex technical concepts to someone without your background
- To learn more about your technical skills and scientific problem solving



# Describing your background effectively

- Listen to directions and cues
- Should be your best answer: concise and clear
  - Practice this answer with friends & family!
- Keep it conversational
- Be ready to dive into details if asked

**In the interview:**  
***Technical Demo***

# Why do we do this?

- To assess your technical strengths: coding, statistics, data visualization, machine learning
  - Choose code that highlights *your* strengths!
- To see how you communicate technical concepts
- To see whether you've thought deeply about the approaches you've chosen to take

# Preparing: What should I show?

- Highlight your technical skills related to data science:
  - code in Python (maybe R)
  - machine learning
  - statistics
  - data analysis and visualization
- Side project (not research) is ideal but not required
- Practice for 3-5 minutes total

# Showing your code effectively

- Start at the top (high-level)
  - What is the goal of this project / analysis / code segment?
  - Only highlight the most interesting aspects
- Keep it conversational
- Never go through line-by-line
- Talk about the big decisions (i.e.
- Justify your algorithm choices
- Mind the time

**In the interview:**  
***Why (Health) Data Science?***  
***Why Insight?***

# Why do we ask this?

- To see how enthusiastic you are about making this career transition
- To see how enthusiastic you are about Insight
- To figure out how we can best help you
- Is your background a fit for Health data science specifically?
  - Data Science, Bioinformatics, Computational Biology, Computational Scientist

# Health Data Science interest

- Which type of data scientist do you want to be?
- Have you evaluated the field?
- Look at blogs, job postings, companies, industries...  
and all the things you can't look at as an academic: location, work-life balance, mobility in the company
- What type of health companies are you interested in?
- What specific companies are you interested in?
- Read Insight's white paper!



**In the interview:**  
***What questions do you have  
for me?***

# Turning the tables: ask questions!

- Good time for you to get clarifications on program logistics
  - Timing, location, cost
- Better to ask now than later!

[apply.insightfellows.com](https://apply.insightfellows.com)



Application deadline for Fall session is **Monday, 7/27**

Mention that you watched the this webinar!

[ravi@insightdatascience.com](mailto:ravi@insightdatascience.com)

**Next Webinar-**  
**Transitioning to Data Careers**  
**in Healthcare**  
**7/27 at 4 PM PT**  
**Register [here](#)**

**So, actually:  
What questions do you have  
for me?**

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