

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, 7/1!*
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
 - 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
- Justify your algorithmic 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

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!

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

Application deadline for September session is **Monday, 7/1**

Mention that you watched the Bridge the Gap webinar!

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