Data Science @ DD

Candidate Interview Prep Kit Rd. 1

Congratulations on your first-round interview with DoorDash Analytics! In this prep guide, we will address the two main parts of the interview:

- *30-Minute CodePair Interview*
- *30-Minute Case Study Interview*

A few friendly reminders:

- *Cameras should be on at all times during the two Zoom interviews*
- *This is considered a <u>"Closed Book"</u> interview:*
    - *While you will be using an online program (HackerRank), Internet usage (online searches, AI use, etc.) is prohibited and will result in an automatic rejection.*

Above all else... Enjoy the interview and have fun!

Part I: CodePair Interview

30-minutes via Zoom Video

💡 **INTERVIEW DESCRIPTION:**

In this Technical exercise, the Interviewer will be asking you 4 data-processing questions. We will be assessing your syntax and logic. You will be expected to write up your solutions live and will need to have a computer with Internet access to complete this.

Please Note: This is a "Closed Book'' test as detailed on page 2. The interviewer will ask live real-time questions to ensure you rely on your knowledge/skillsets.

You will use the CodePair platform (included in your calendar invite confirmation) to conduct the exercise. The majority of our team uses SQL, being that it is one of the primary tools our Data Science, Analytics team relies on.
- If you are unfamiliar with SQL, please inform your Sourcer and/or Recruiter before your first-round interview. In certain circumstances, pending team approval, Python may be an alternative option

💡 **INTERVIEW TIPS:**
- You can visit the Hackerrank website to familiarize yourself with the formatting before the screening.

Part II: Case Study

One 30-minute 1-on-1 Case Interview via Zoom Video

The Round 1 Case Study pertains to areas of focus and assessment criteria.

Case Focus: The interview will focus on DoorDash's 3-sided Marketplace, and will require you to talk through a vague data science issue that would be relevant to DoorDash.

Below is more context on what to expect going into this interview.

💡 **INTERVIEW DESCRIPTION:**

You will be asked about general DoorDash business. We are a 3-sided Marketplace (Consumers, Merchants, and Dashers) and will likely ask you to break down a vague data science problem. We want to make sure you understand this industry and domain.

We recommend researching and understanding the data & metrics a company like DoorDash looks into to preserve the health of our business & products

The Case Studies will give us a sense of your overall data science calibration. You will be presented with an applied business problem related to a real-world DoorDash scenario (ex: "DoorDash has launched a monthly subscription product, DashPass, How would you measure whether or not it is performing well?)." A DoorDash Data Science team member possesses the following:

- Great communication. Think of the case study as a conversation with the interviewer. Try not to jump between different concepts without context.
- Asks clarifying questions to understand the context of the problem + thinks high level before diving into details
- Provides more than 1 creative + relevant hypothesis to the problem
- Operationalizes the steps needed to be taken to solve the problem
- Defines specific data needed to explore the problem
- Provides necessary experimentation, predictive analysis, or statistical analysis to dig deeper
- Provides a few recommendations based on the results of the analysis to drive the business decisions + resolve the problem
- Share how this will impact the business
- Shares tradeoffs that can occur for each recommendation, like cannibalizing users or network effects

💡 **INTERVIEW TIPS:**

Although we do not provide the exact content of the questions up front (to gauge your raw analytical approach and to keep the process unbiased), you should expect to be assessed on the following:

BUSINESS/PRODUCT INTUITION	STRUCTURED THINKING
● You should define your key success metrics; always ensure to relate them back to the business/how to drive insights/recommendations forward. ● As we operate in a 3-sided marketplace, we need to always consider the needs of merchants, dashers, and consumers. Think like a user; reflect on what's important to you as a customer and how the merchant and dasher might impact your experience.	● Ask clarifying questions. We are looking for team members who are curious and engaged; asking clarifying questions to the interviewer often helps to obtain the needed context that allows you to craft the strongest responses. ● Remember there isn't a "right" answer for any of the case studies interviews, so think critically about how to address the problem.
DEPTH OF SOLUTION	**ORGANIZATION & CLARITY**
● You should start by developing a high-level approach and then breaking the problem into component parts. ● The interviewer may also ask you questions about your approach (intended to dig deeper); however, you should ensure that you are still guiding the conversation by explaining your solution in detail.	● As you answer the questions in the case study, try to organize your thoughts to express your intuition with clarity. It is assumed that you are solving the solution in real-time ("thinking out loud"), however, you should try not to jump between different concepts without context.

Final Steps

Post-Interview

> 💡 **PLEASE NOTE:**
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> After the interview has come to a close, you can expect to hear back from your recruiter regarding the next steps. If the outcome is positive, you will be set up to complete a final round interview. While the timeline for feedback can vary, we try our best to follow up within 3-5 business days post-interview.

INTERVIEW RESOURCES

DoorDash Analytics + Culture

Check out our DoorDash Mission & Values, DoorDash Careers, DoorDash Newsroom, and our Careers Blog for a better look into the DoorDash culture!

Recommended reads:

- DoorDash Analytics
- Job Description - Analytics
- Engineer Blog
- Merchant Page
- Article - The Undervalued Skills Candidates Need to Succeed in Data Science Interviews
- DoorDash Impact (3-sided Marketplace)
- Article - The Complexities of the Marketplaces (A Discussion with DD CEO Tony Xu)
- DoorDash named as one of America's Greatest Workplaces 2023
- DoorDash earns Equality 100 in the Human Rights Campaign's Corporate Equality Index — the highest score an inclusive company can receive — for the second consecutive year
- One Team, More Flex: DoorDash commits to flexible work

Our Values

1% better every day	Be an owner	Customer obsessed, not competitor-focused
Operate at the lowest level of detail	And, not either/or	Think outside the room
One team, one fight	Choose optimism & have a plan	Dream big, start small
Truth seek	Bias for action	Make room at the table

Flexible Work

Nothing we do is one-size-fits-all – and the way we work is no different. We know that teams have unique needs depending on the nature of work, location of team members, and overall dynamic. That's why at DoorDash, each team has the freedom to decide how they interact and achieve their goals. Learn more at our blog

ERGs

AAPI@DoorDash

Able@DoorDash

Black@DoorDash

Indigenous@DoorDash

Parents@DoorDash

Pride@DoorDash

Unidos@DoorDash

Veterans@DoorDash

Women@DoorDash

Recent Awards

2023 Fortune's Future 50 Companies

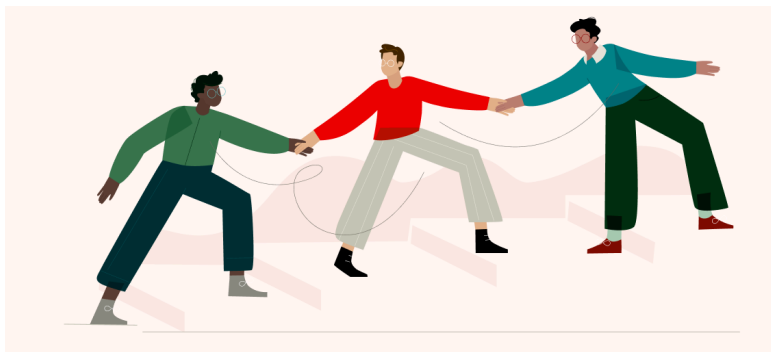2023 Human Rights Campaign's Corporate Equality Index

America's Greatest Workplaces 2023

BENEFITS

United States

- **Health and Wellness:** Premium medical options, dental, and vision insurance plans, including reimbursement assistance for family-forming (infertility, adoption, surrogacy, etc.). Company-provided mental health program inclusive of 1:1 therapy & coaching. Monthly gym and wellness reimbursement.
- **Time When You Need It:** Flexible vacation days for salaried employees. Generous vacation and sick days for hourly team members. Paid Parental Leave to support our DoorDash families and Paid Military Leave to support our DoorDash service members.
- **Compensation:** Competitive salary with bi-annual performance reviews. Meaningful equity opportunities - with quarterly vesting. 401(k) retirement plan with a company match.
- **Flexible Work Support:** At-home office equipment allowance to support you while working from home. Enjoy your favorite lunch on us while working in one of our offices with a $20 DashPass lunch credit. Commuter benefit match available for parking and mass transit.

Above all else...**Enjoy the interview experience and have fun!**