



## Virtual Interview Prep

### Senior AI/ML Engineer

#### We're Glad You're Here!

First off, we are so glad that you've chosen to explore an opportunity with Datavant! This document provides an overview of our hiring process and is intended to help you best prepare for the interviews with our Engineering team. We thank you for the time and energy you will invest with us and wish you the best of luck! Always reach out to your recruiter with any questions!

#### Interview Timeline

##### Round 1:

- **Action Screening Call (30 minutes)**
  - **Description:** Overview of Aetion, the Barcelona Engineering team, and the scope of the role. Come prepared to speak about your relevant experience and the logistics of the role.

##### Round 2:

- **Coding Fundamentals Interview (60 minutes)**
  - **Description:** A live coding and refactoring exercise meant to evaluate your programming knowledge and adaptability. The exercise emphasizes the ability to understand existing Python code, general coding best practices, and OOP principles.
  - **IMPORTANT 🌟:** Please come prepared to the interview with your IDE ready to start writing code in Python.
  - **Preparation:** Please review the following set-up instructions to be completed ahead of your **Coding Fundamentals Interview**.
    - Ensure your IDE is configured to work with Python version 3.10 or higher, and that you can install Python packages.
- *Disable any AI coding assistant from your IDE, such as GitHub Copilot.*

##### Round 3:

- **Specialized Machine Learning Engineering Technical Interview (90 minutes)**
  - **Description:** Two parts 1) A live coding exercise meant to evaluate your Python programming skills and knowledge of Machine Learning concepts. The exercise emphasizes general coding best practices and the ability to implement Machine Learning methods in Python. 2) A Systems Design exercise which will



focus on your ability to understand product requirements and design a high level ML solution.

- **IMPORTANT** 🌟: *Please come prepared to the interview with your IDE ready to start writing code in Python.*
- **Preparation:** *Please review the following set-up instructions to be completed ahead of your **Machine Learning Engineering Technical Interview**.*
  - *Ensure your IDE is configured to work with Python version 3.10 or higher, and that you can install Python packages.*
  - *Ensure you will be able to debug code during the interview.*
  - *Disable any AI coding assistant from your IDE, such as GitHub Copilot.*
- **Product Management Interview (30 minutes)**
  - **Description:** This interview with the Product Manager of the AI/ML team Prasad Chhabria will focus on your ability to understand product requirements and communicate clearly with non-technical stakeholders.
- **Hiring Manager Interview (45 minutes)**
  - **Description:** This interview with the SVP of EU Engineering, Vincent Fleurant, will focus on your communication, collaboration, and project management skills.
- Hiring decisions communicated