

May 1, 2020

David Obstler  
Chief Financial Officer  
Datadog, Inc.  
620 8th Avenue, 45th Floor  
New York, NY 10018

Re: Datadog, Inc.  
Form 10-K for the  
Filed February 25,  
File No. 001-39051

Fiscal Year Ended December 31, 2019  
2020

Dear Mr. Obstler:

We have reviewed your filing and have the following comments. In some of our comments, we may ask you to provide us with information so we may better understand your disclosure.

Please respond to these comments within ten business days by providing the requested information or advise us as soon as possible when you will respond. If you do not believe our comments apply to your facts and circumstances, please tell us why in your response.

After reviewing your response to these comments, we may have additional comments.

Form 10-K for the Fiscal Year Ended December 31, 2019

Management's Discussion and Analysis of Financial Condition and Results of Operations  
Factors Affecting Our Performance, page 38

1. We note that your results of operations are impacted, in part, by your ability to retain and grow your existing customers. Please tell us what measures are used to evaluate the success of your land-and-expand business model and what consideration you have given to including a quantified discussion of such metrics for each period presented. In this regard, we note you previously provided a dollar-based net retention rate. Refer to Item 303(a)(3) of Regulation S-K and Section III.B.1 of SEC Release No. 33-8350. Refer also to SEC Release 33-10751.

David Obstler  
FirstName LastNameDavid Obstler  
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2. Please expand your disclosure to explain how management uses the measure of the number of customers with ARR greater than \$100,000 to analyze the business and why disclosing this information is useful to investors. Also, to add further context to such measure, please disclose the percentage of ARR generated from this subset of customer for each period presented.  
Results of Operations, page 42

3. You state that revenue was primarily due to growth from existing customers with the remaining attributable to new customers. Where a material change is

attributed to two or  
more factors, including any offsetting factors, please revise to  
quantify the contribution of  
each identified factor and remove any vague terms such as "primarily"  
in favor of specific  
quantification. Refer Section III.D of Release No. 33-6835.  
We remind you that the company and its management are responsible for  
the accuracy  
and adequacy of their disclosures, notwithstanding any review, comments, action  
or absence of  
action by the staff.

You may contact Eiko Yaoita Pyles, Staff Accountant, at 202-551-3587 or  
Kathleen  
Collins, Accounting Branch Chief, at 202-551-3499 with any questions.

Sincerely,

Division of

Office of

Corporation Finance

Technology