UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, DC 20549

FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES PURSUANT TO SECTION 12(B) OR (G) OF THE SECURITIES EXCHANGE ACT OF 1934

Datadog, Inc.

(Exact Name of Registrant as Specified in its Charter)

Delaware (State of Incorporation or Organization)

27-2825503 (I.R.S. Employer Identification No.)

620 8th Avenue, 45th Floor New York, New York (Address of principal executive offices)

10018 (Zip code)

Securities to be registered pursuant to Section 12(b) of the Act:

Title of each class to be so registered

Class A Common Stock, \$0.00001 par value per share

Name of exchange on which each class is to be registered

The Nasdaq Stock Market LLC

If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c), please check the following box. \boxtimes

If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A.(d), check the following. \Box

If this form relates to the registration of a class of securities concurrently with a Regulation A offering, check the following box. \Box

Securities Act registration statement number to which the form relates: 333-233428

Securities to be registered pursuant to Section 12(g) of the Act: None

Item 1. Description of Registrant's Securities to be Registered.

A description of the Class A common stock, par value \$0.00001 per share, of Datadog, Inc., a Delaware corporation (the "Registrant"), to be registered hereunder is contained in the section titled "Description of Capital Stock" in the prospectus included in the Registrant's Registration Statement on Form S-1 (File No. 333-233428), initially filed with the Securities and Exchange Commission (the "Commission") on August 23, 2019, as subsequently amended (the "Registration Statement"), and is incorporated herein by reference. Any form of prospectus subsequently filed by the Registrant with the Commission pursuant to Rule 424(b) under the Securities Act of 1933, as amended, that constitutes part of the Registration Statement shall be deemed to be incorporated herein by reference.

Item 2. Exhibits.

Under the "Instructions as to Exhibits" with respect to Form 8-A, no exhibits are required to be filed with this registration statement because no other securities of the Registrant are registered on the Nasdaq Stock Market LLC and the securities registered hereby are not being registered pursuant to Section 12(g) of the Securities Exchange Act of 1934, as amended.

SIGNATURE

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized.

DATADOG, INC.

Date: September 16, 2019

By: /s/ Olivier Pomel

Olivier Pomel

Chief Executive Officer