Pray Michael Form 4	10									
February 21, 20	4 UNITED S	UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549								
Check this b if no longer subject to Section 16. Form 4 or Form 5 obligations may continu- <i>See</i> Instructi 1(b).	STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section							burden hou response	Expires: January 31, 2005 Estimated average burden hours per response 0.5	
(Print or Type Resp	ponses)									
1. Name and Adda Pray Michael	Symbol	2. Issuer Name <b>and</b> Ticker or Trading Symbol Medidata Solutions, Inc. [MDSO]				5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
(Last) C/O MEDIDA INC., 350 HUI FLOOR	(Month/E JS, 02/20/2	3. Date of Earliest Transaction Month/Day/Year) 02/20/2019				Director 10% Owner X Officer (give title Other (specify below) below) EVP, GM Global Sales				
	(Street) 4. If Amendment, Date Original Filed(Month/Day/Year)					6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person				
NEW YORK,	NY 10014						Form filed by M Person	More than One Ro	eporting	
(City)	(State) (Z	Zip) Tab	le I - Non-Do	erivative S	Securi	ties Aco	quired, Disposed o	of, or Beneficial	lly Owned	
	2. Transaction Date Month/Day/Year)			Disposed (Instr. 3, Amount	l (A) o l of (D	)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Common C Stock	)2/20/2019		F	2,599 (1)	D	\$ 75	67,949	D		

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

 Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

 (e.g., puts, calls, warrants, options, convertible securities)

## Edgar Filing: Pray Michael - Form 4

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transact Code (Instr. 8)	5. ionNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		Date	Secur	ınt of rlying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secu Bene Owna Follo Repo Trans (Instr
				Code V	7 (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

## **Reporting Owners**

Reporting Owner Name / Address	Relationships							
	Director	10% Owner	Officer	Other				
Pray Michael C/O MEDIDATA SOLUTIONS, INC. 350 HUDSON STREET, 9TH FLOOR NEW YORK, NY 10014			EVP, GM Global Sales					
Signatures								
/s/ Michael I. Otner, Attorney-in-Fact	02/21/2	2019						
**Signature of Reporting Person	Date							
Explanation of Respon	606.							

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Shares withheld by Medidata to satisfy the tax withholding obligation in connection with the vesting of previously awarded restricted stock.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.