Bergmann Rouven Form 4 November 30, 2018

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL OMB

Number:

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if no longer subject to Section 16. Form 4 or Form 5

Check this box

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Bergmann Rouven

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

(Check all applicable)

Issuer

(Last)

(City)

(First) (Middle)

(Zip)

Medidata Solutions, Inc. [MDSO] 3. Date of Earliest Transaction

10% Owner

C/O MEDIDATA SOLUTIONS. INC., 350 HUDSON STREET, 9TH

FLOOR

(Street)

(State)

Other (specify X_ Officer (give title below) Chief Financial Officer

4. If Amendment, Date Original Filed(Month/Day/Year)

(Month/Day/Year)

11/28/2018

6. Individual or Joint/Group Filing(Check Applicable Line)

Director

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

NEW YORK, NY 10014

		Tuble 1 Non Berryauve Securities Required, Disposed 61, 61 Beneficiary Owned									
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transactio	4. Securities Acquired on(A) or Disposed of (D)			5. Amount of Securities	6. Ownership	7. Nature of Indirect		
(Instr. 3)	(William Buy, Tear)	any	Code	(Instr. 3, 4 and 5)			Beneficially	Form: Direct	Beneficial		
		(Month/Day/Year)	(Instr. 8)				Owned	(D) or	Ownership		
							Following	Indirect (I)	(Instr. 4)		
					()		Reported	(Instr. 4)			
					(A)		Transaction(s)				
					or		(Instr. 3 and 4)				
			Code V	Amount	(D)	Price	,				
Common	11/28/2018		M	10,000	A	\$ 53.29	88,862	D			
Stock				<u>(1)</u>		33.29					
Common Stock	11/28/2018		S	10,000 (1)	D	\$ 75	78,862	D			

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

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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. Transactic Code (Instr. 8)	5. Number of ionDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		} (
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Option (right to buy)	\$ 53.29	11/28/2018		M		10,000	(2)	05/13/2025	Common Stock	10,000	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Bergmann Rouven

C/O MEDIDATA SOLUTIONS, INC. 350 HUDSON STREET, 9TH FLOOR NEW YORK, NY 10014

Chief Financial Officer

Signatures

/s/ Michael I. Otner, Attorney-in-Fact

11/30/2018

**Signature of Reporting Person

Date

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) The transaction reported in this Form 4 was effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on July 26, 2018.
- (2) The options vested as to 25% of the shares on May 13, 2016 and 1/36th of the remaining options will become exercisable each month thereafter for the next 36 months.

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.

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