THE DIAGNOSIS SYSTEM OF
STOCK PRICE

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A QUICK

OVERVIEW

- Motivation
- Data Source
- Bayesian Belief Network
- Result
- Look into the Future

THE
MOTIVATION

- Fintech
- Predict Stock Price
- Solve Financial Problems by Artificial Intelligence
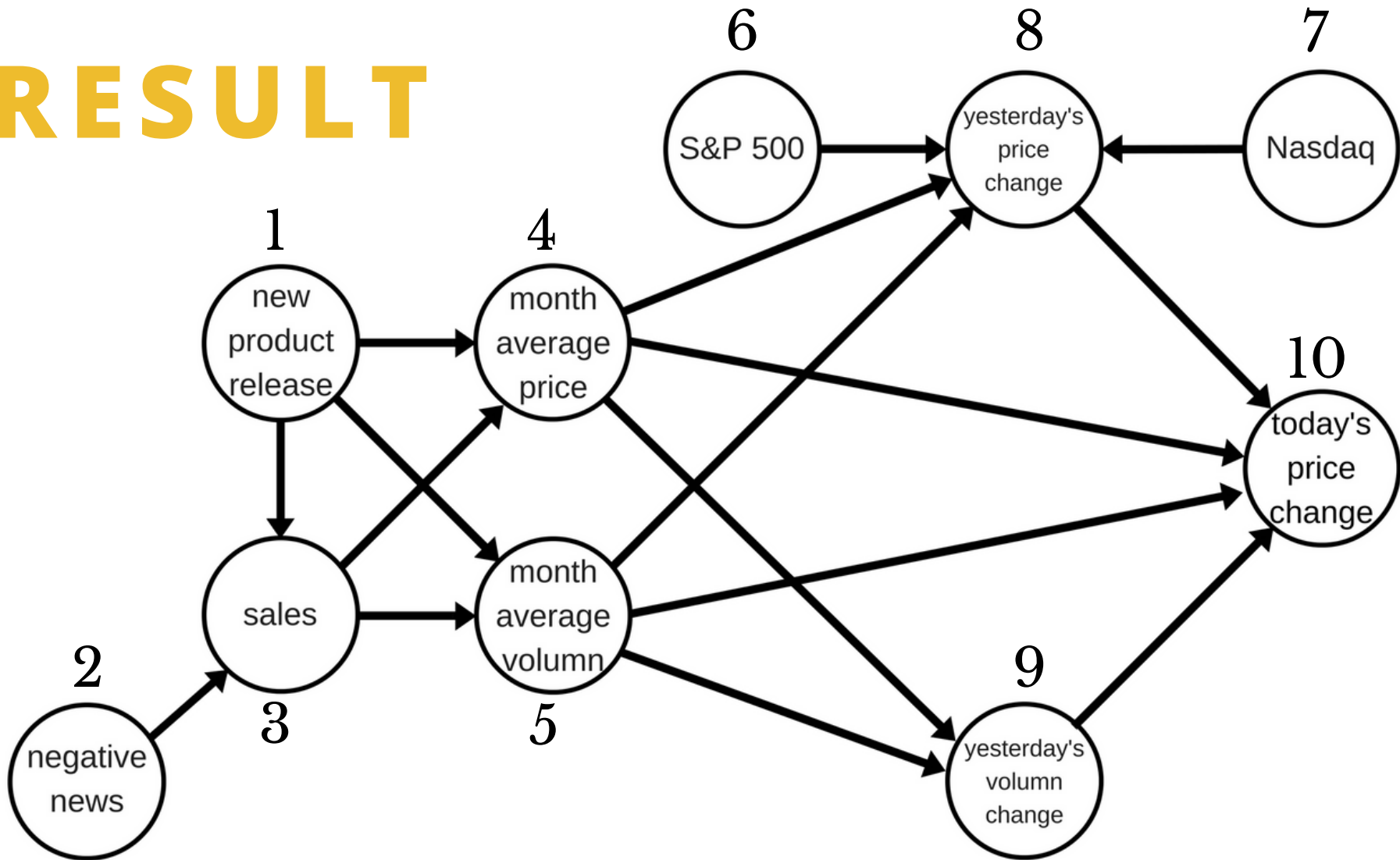- Case Study on Apple Inc.

DATA SOURCE

Date	Open	High	Low	Close	Adj Close*	Volume
Jan 10, 2017	118.77	119.37	118.30	119.00	119.00	16,663,139
Jan 09, 2017	117.95	119.43	117.94	118.99	118.99	33,387,600
Jan 06, 2017	116.78	118.16	116.47	117.91	117.91	31,751,900
Jan 05, 2017	115.92	116.86	115.81	116.61	116.61	22,193,600
Jan 04, 2017	115.85	116.51	115.75	116.02	116.02	21,118,100
Jan 03, 2017	115.80	116.33	114.76	116.15	116.15	28,781,900
Dec 30, 2016	116.65	117.20	115.43	115.82	115.82	30,586,300
Dec 29, 2016	116.45	117.11	116.40	116.73	116.73	15,039,500
Dec 28, 2016	117.52	118.02	116.20	116.76	116.76	20,905,900
Dec 27, 2016	116.52	117.80	116.49	117.26	117.26	18,296,900
Dec 23, 2016	115.59	116.52	115.59	116.52	116.52	14,249,500
Dec 22, 2016	116.35	116.51	115.64	116.29	116.29	26,085,900

RESULT

1	2	3	4	5	6	7	8	9	10
0.276	0.023	T	0.543	0.439	0.528	T	0.633	0.484	T
F	F	T	T	F	F	F	F	F	0.636

LOOK INTO THE FUTURE

- Add More Nodes
- Improve Accuracy
- Extend to More Companies

THANK YOU!