WHAT IS CLAIMED IS:

1. A computer implemented method for deriving a material change attribute over time to predict a future change in at least one predictor, said method comprising:

collecting precursor data from at least one data source;

processing said precursor data by assessing at least one characteristic of said precursor data;

generating at least one material change signal from the processed precursor data;

evaluating said material change signal to determine the signal's value in predicting future changes in said predictor; and

generating at least one said material change attribute from the evaluated material change signal.

2. The method according to claim 1, wherein said data source is identified by use of sensing and/or learning process.

3. The method according to claim 2, wherein said learning process comprises heuristics focused on human behavior and/or human learning.

4. The method according to claim 1, wherein said processing of said precursor data comprises a curation process.

5. The method according to claim 1, wherein said characteristic is at least one selected from the group consisting of: trending, measuring, counting events, counting sources, noting order, assessing continuity, detecting interactions, and combining aggregating.

6. The method according to claim 4, wherein said curation process treats said precursor data for at least one characteristic selected from the group consisting of: time, velocity, volume, variety, and assessing veracity of said data source.

7. The method according to claim 1, wherein said material change attribute is at least one selected from the group consisting of: risk, marketing, sales and other adjacencies.

8. The method according to claim 1, further comprising reverting to the collection and processing steps to process additional precursor data

9. A method for predicting changes in at least one predictor in the future, said method comprises:

generating at least one predictor which is used to predict an outcome of interest; and

generating at least one material change signal which predicts future changes in said predictor, thereby resulting in a change of said outcome of interest.

10. The method according to claim 9, further comprising changing a prediction of said outcome of interest due to a corresponding change in said predictor.

11. A computer system which generates a material change attribute over time to predict a future change in at least one predictor, said system comprising:

a processor which:

collects precursor data from at least one data source;

processes said precursor data by assessing at least one characteristic of said precursor data;

generates at least one material change signal from the processed precursor data;

evaluates said material change signal to determine the signal's value in predicting future changes in said predictor; and

generates at least one said material change attribute from the evaluated material change signal.

12. The system according to claim 11, wherein said data source is identified by use of sensing and/or learning process.

13. The system according to claim 12, wherein said learning process comprises heuristics focused on human behavior and/or human learning.

14. The system according to claim 11, wherein said processing of said precursor data comprises a curation process.

15. The system according to claim 11, wherein said characteristic is at least one selected from the group consisting of: trending, measuring, counting events, counting sources, noting order, assessing continuity, detecting interactions, and combining aggregating.

16. The system according to claim 14, wherein said curation process treats said precursor data for at least one characteristic selected from the group consisting of: time, velocity, volume, variety, and assessing veracity of said data source.

17. The system according to claim 11, wherein said material change attribute is at least one selected from the group consisting of: risk, marketing, sales and other adjacencies.

18. The system according to claim 11, further comprising reverting to the collection and processing steps to process additional precursor data.

19. A storage medium comprising instructions for controlling a processor which:

collects precursor data from at least one data source;

processes said precursor data by assessing at least one characteristic of said precursor data;

generates at least one material change signal from the processed precursor data;

evaluates said material change signal to determine the signal's value in predicting future changes in said predictor; and

generates at least one said material change attribute from the evaluated material change signal.

CLAIMS:

1. A computer implemented method for deriving a material change attribute over time to predict a future change in at least one predictor, said method comprising:

collecting precursor data from large data across time from at least one data source;

determining that said precursor data is new data;

curating said precursor data by treating said precursor data for at least one characteristic selected from the group consisting of time, velocity, volume, variety, and assessing veracity of said data source, and by assessing a time-based characteristic of said precursor data, thus yielding curated data;

generating from said curated data, a material change signal that predicts future changes in a predictor;

evaluating said material change signal to determine said material change signal's value in predicting said future changes in said predictor, thus yielding an evaluated material change signal; and

generating at least one said material change attribute from the evaluated material change signal.

2. The method according to claim 1, wherein said computer identifies said at least one data source by use of a learning process.

3. The method according to claim 2, wherein said learning process comprises heuristics focused on human behavior and/or human learning.

4. The method according to claim 1, wherein said time-based characteristic is at least one selected from the group consisting of: trending, measuring, counting events, counting sources, noting order, assessing continuity, detecting interactions, and combining aggregating.

5. The method according to claim 1, wherein said material change attribute is at least one selected from the group consisting of: risk, marketing, sales and other adjacencies.

6. The method according to claim 1, further comprising reverting to the collecting, determining and curating steps to process additional precursor data.

7. The method of claim 1, further comprising:

generating at least one predictor which is used to predict an outcome of interest; and

generating at least one material change signal which predicts future changes in said predictor, thereby resulting in a change of said outcome of interest.

8. The method according to claim 7, further comprising changing a prediction of said outcome of interest due to a corresponding change in said predictor.

9. A computer system which generates a material change attribute over time to predict a future change in at least one predictor, said system comprising:

a processor which:

collects precursor data from large data across time from at least one data source;

determines that said precursor data is new data;

curates said precursor data by treating said precursor data for at least one characteristic selected from the group consisting of time, velocity, volume, variety, and assessing veracity of said data source, and by assessing a time-based characteristic of said precursor data, thus yielding curated data;

generates from said curated data, a material change signal that predicts future changes in a predictor;

evaluates said material change signal to determine said material change signal's value in predicting said future changes in said predictor, thus yielding an evaluated material change signal; and

generates at least one said material change attribute from the evaluated material change signal.

10. The system according to claim 9, wherein said processor identifies said at least one data source by use of a learning process.

11. The system according to claim 10, wherein said learning process comprises heuristics focused on human behavior and/or human learning.

12. The system according to claim 9, wherein said time-based characteristic is at least one selected from the group consisting of: trending, measuring, counting events, counting sources, noting order, assessing continuity, detecting interactions, and combining aggregating.

13. The system according to claim 9, wherein said material change attribute is at least one selected from the group consisting of: risk, marketing, sales and other adjacencies.

14. The system according to claim 9, wherein said processor reverts to the collects, determines and curates steps to process additional precursor data.

15. A storage medium comprising instructions for controlling a processor which:
collects precursor data from large data across time from at least one data source;
determines that said precursor data is new data;
curates said precursor data by treating said precursor data for at least one characteristic selected from the group consisting of time, velocity, volume, variety, and assessing veracity of said data source, and by assessing a time-based characteristic of said precursor data, thus yielding curated data;
generates from said curated data, a material change signal that predicts future changes in a predictor;
evaluates said material change signal to determine said material change signal's value in predicting said future changes in said predictor; and
generates at least one said material change attribute from the evaluated material change signal.