What is claimed is:

1. A system for predicting a value in a next interval of a time period in a historical data which contains actual values over said time period comprising:

a processing unit;

a media readable by said processing unit;

instructions stored by said media for directing said processing unit to:

read a score from each of a plurality of contributor groups stored in said media;

determine a qualitative score based on said score of each of said plurality of contributor groups read from said media;

receive a key event input from a user;

determine a quantitative information based on said key event received comprising:

read a historical data in said media, said historical data being a data structure that contains previous prices or demand on a certain product;

identify events occurred in said historical data;

select a one of said identified events;

determine said quantitative information by analysing changes in said historical data due to said selected one of said identified event comprising:

select a window period,

determine a correlation coefficient by the expression:

$$r_{xy} = \frac{\sum_{i=0}^{n}(x_i - \bar{x})(y_i - \bar{y})}{\sqrt{\sum_{i=0}^{n}(x_i - \bar{x})^2 (y_i - \bar{y})^2}}$$

where x is a price or demand in said historical data, y is a change due to said key event, n is said window period, $\bar{x}$ is an average value of x within said window period, $\bar{y}$ is an average value of y within said window period;

compare said correlation coefficient with a predetermined correlation coefficient value; and

determine said quantitative information in response to said correlation coefficient being more than said predetermined correlation coefficient value;

remove changes due to said selected one of said identified event from said historical data;

determine a predicted value in said next interval of a time period based on said

qualitative scores and quantitative information;

store said predicted value in said media; and

determine a confidence level of said predicted value.

2. The system according to claim 1 wherein said quantitative information comprises an impact curve, a window period, a time lagging value, an impact duration and a score associated to said key event.

3. The system according to claim 2 wherein said confidence level is given by the expression, Confidence level = (score of said qualitative score / score associated to said key event) * 100%, in response to said score associated to said key event is equal to or greater than said qualitative score.

4. The system according to claim 2 wherein said confidence level is given by the expression, Confidence level = (score associated to said key event / score of said qualitative score) * 100%, in response to said score associated to said key event is smaller than said qualitative score.

5. The system according to claim 1 wherein said instructions to read said score from each of said plurality of contributor groups comprise:

instructions for directing said processing unit to:

obtain inputs from a number of contributors for each of said plurality of contributor groups;

determine said score for each of said plurality of contributor groups from said inputs; and

store said score for each of said plurality of contributor groups in said media.

6. The system according to claim 5 wherein said score is in a range of 1 to 5.

7. The system according to claim 6 wherein said score being a value of 1 indicates a decrease by 10%, said score being a value of 2 indicates a decrease of 5%, said score being a value of 3 indicates 0%, said score being a value of 4 indicates an increase of 5%, and said score being a value of 5 indicates an increase of 10%.

8. The system according to claim 5 wherein said instructions to determine said qualitative

score comprise:

instructions for directing said processing unit to:

read said inputs;

determine an accuracy index for each of said inputs;

store said accuracy index in said media;

compare said accuracy index for each of said inputs with a predetermined amount; and

remove said one of said inputs from said media in response to said input having an accuracy index which is less than said predetermined amount.

9. The system according to claim 8 wherein said instructions to determine said accuracy index comprise:

instructions for directing said processing unit to:

determine a median from said inputs;

determine said accuracy index wherein said accuracy index is given by the expression:

$$accuracy\ index = \frac{value\ of\ a\ contributor}{base\ value}\ x\ 100\%$$

where $value\ of\ a\ contributor$ is one of said inputs, and $base\ value$ is said median.

10. The system according to claim 8 wherein said instructions to determine said accuracy index comprise:

instructions for directing said processing unit to:

determine a mean from said inputs wherein said mean is given by the expression:

$$\text{mean} = \frac{\Sigma x}{n}$$

where Σx is the sum of all inputs, and n is the value of x;

determine said accuracy index wherein said accuracy index is given by the expression:

$$accuracy\ index = \frac{value\ of\ a\ contributor}{base\ value}\ x\ 100\%$$

where $value\ of\ a\ contributor$ is one of said inputs, and $base\ value$ is said mean.

11. The system according to claim 8 wherein said instructions to determine said accuracy

index comprise:

instructions for directing said processing unit to:

determine a mode from said inputs;

determine said accuracy index wherein said accuracy index is given by the expression:

$$accuracy\ index = \frac{value\ of\ a\ contributor}{base\ value}\ x\ 100\%$$

where $value\ of\ a\ contributor$ is one of said inputs, and $base\ value$ is said mode.

12. The system according to claim 8 wherein said instructions to determine said score for each of said plurality of contributor groups from said inputs comprise:

instructions for directing said processing unit to:

read a previous accuracy index of each of said contributors in said media;

assign a weightage to each of said contributors based on said previous accuracy index of each of said contributors;

adjust the value of said inputs based on said weightage of each of said contributors; and

determine said score based on said adjusted value.

13. The system according to claim 12 wherein said instructions to determine said score based on said adjusted value comprise:

instructions for directing said processing unit to:

determine the average of said adjusted value of said inputs.

~~14. The system according to claim 1 further comprising:~~

~~instructions for directing said processing unit to:~~

~~read a historical data in said media, said historical data being a data structure that contains previous prices or demand on a certain product;~~

~~identify events occurred in said historical data;~~

~~select a one of said identified events;~~

~~determine said quantitative information by analysing changes in said historical data due to said selected one of said identified event; and~~

~~store said quantitative information in said media.~~

~~15. The system according to claim 14 further comprising:~~

~~instructions for directing said processing unit to:~~

~~remove said changes due to said selected one of said identified event from said historical data.~~

~~16. The system according to claim 14 wherein said instructions to determine said quantitative information comprises:~~

~~instructions for directing said processing unit to:~~

~~select a window period,~~

~~determine a correlation coefficient by the expression:~~

$$r_{xy} = \frac{\sum_{i=0}^{n}(x_i - \bar{x})(y_i - \bar{y})}{\sqrt{\sum_{i=0}^{n}(x_i - \bar{x})^2 (y_i - \bar{y})^2}}$$

~~where x is a price or demand in said historical data, y is a change due to said key event, n is said window period, $\bar{x}$ is an average value of x within said window period, $\bar{y}$ is an average value of y within said window period;~~

~~compare said correlation coefficient with a predetermined correlation coefficient value; and~~

~~determine said quantitative information in response to said correlation coefficient being more than said predetermined correlation coefficient value.~~

14~~7~~. The system according to claim 1~~6~~ wherein said predetermined correlation coefficient value is 0.7.

15~~8~~. The system according to claim 1~~6~~ wherein said quantitative information comprises said window period, an impact curve, a time lagging value and an impact duration.

16~~9~~. The system according to claim 15~~8~~ said instructions to determine said quantitative information further comprises:

instructions for directing said processing unit to:

update said media with said quantitative information.

17~~20~~. The system according to claim 16~~9~~ wherein said instruction to determine said quantitative information further comprises:

instructions for directing said processing unit to:

determine a score associated to said key event; and

append said score to said quantitative information.

1821. The system according to claim 1720 wherein said instructions to determine said score associated to said key event comprise:

instructions for directing said processing unit to:

determine a percentage change in value over said impact duration in said key event by the expression:

Percentage change = (Price – Price') * 100%

where Price is a value at a beginning of said impact duration, Price' is a value at an end of said impact duration;

determine a score based on said percentage change.

1922. The system according to claim 1821 wherein said score is in a range of 1 to 5.

203. The system according to claim 1821 wherein said instructions to determine said score based on said percentage change comprise:

instructions for directing said processing unit to:

indicate said score as 1 if percentage change is between -10% to -7%;

indicate said score as 2 if percentage change is between -6% to -3%;

indicate said score as 3 if percentage change is between -2% to 2%;

indicate said score as 4 if percentage change is between 3% to 6%; and

indicate said score as 5 if percentage change is between 7% to 10%.

214. A method for predicting a value in a next interval of a time period in a historical data which contains actual values over said time period comprising:

reading a score from each of a plurality of contributor groups stored in a media;

determining a qualitative score based on said score of each of said plurality of contributor groups read from said media;

receiving a key event input from a user;

determining a quantitative information based on said key event received comprising:

reading a historical data in said media, said historical data being a data structure that contains previous prices or demand on a certain product;

identifying events occurred in said historical data;

selecting a one of said identified events;

determining said quantitative information by analysing changes in said historical data due to said selected one of said identified event comprising:

selecting a window period,

determining a correlation coefficient by the expression:

$$r_{xy} = \frac{\sum_{i=0}^{n}(x_i - \bar{x})(y_i - \bar{y})}{\sqrt{\sum_{i=0}^{n}(x_i - \bar{x})^2 (y_i - \bar{y})^2}}$$

where x is a price or demand in said historical data, y is a change due to said key event, n is said window period, $\bar{x}$ is an average value of x within said window period, $\bar{y}$ is an average value of y within said window period;

comparing said correlation coefficient with a predetermined correlation coefficient value; and

determining said quantitative information in response to said correlation coefficient being more than said predetermined correlation coefficient value;

storing said quantitative information in said media; and

removing said changes due to said selected one of said identified event from said historical data;

determining a predicted value in said next interval of a time period based on said qualitative scores and quantitative information;

storing said predicted value in said media; and

determining a confidence level of said predicted value.

225. The method according to claim 214 wherein said quantitative information comprises an impact curve, a window period, a time lagging value, an impact duration and a score associated to said key event.

236. The method according to claim 225 wherein said confidence level is given by the expression, Confidence level = (score of said qualitative score / score associated to said key event) * 100%, in response to said score associated to said key event is equal to or greater than said qualitative score.

247. The method according to claim 225 wherein said confidence level is given by the expression, Confidence level = (score associated to said key event / score of said qualitative

score) * 100%, in response to said score associated to said key event is smaller than said qualitative score.

258. The method according to claim 214 wherein said step of reading said score from each of said plurality of contributor groups comprise:

obtaining inputs from a number of contributors for each of said plurality of contributor groups;

determining said score for each of said plurality of contributor groups from said inputs; and

storing said score for each of said plurality of contributor groups in said media.

269. The method according to claim 258 wherein said score is in a range of 1 to 5.

2730. The method according to claim 269 wherein said score being a value of 1 indicates a decrease by 10%, said score being a value of 2 indicates a decrease of 5%, said score being a value of 3 indicates 0%, said score being a value of 4 indicates an increase of 5%, and said score being a value of 5 indicates an increase of 10%.

2831. The method according to claim 258 wherein said step of determining said qualitative score comprise:

reading said inputs;

determining an accuracy index for each of said inputs;

storing said accuracy index in said media;

comparing said accuracy index for each of said inputs with a predetermined amount; and

removing said one of said inputs from said media in response to said input having an accuracy index which is less than said predetermined amount.

2932. The method according to claim 2831 wherein said step of determining said accuracy index comprise:

determining a median from said inputs;

determining said accuracy index wherein said accuracy index is given by the expression:

$$accuracy\ index = \frac{value\ of\ a\ contributor}{base\ value}\ x\ 100\%$$

where $value\ of\ a\ contributor$ is one of said inputs, and $base\ value$ is said

median.

303. The method according to claim 2831 wherein said step of determining said accuracy index comprise:

determining a mean from said inputs wherein said mean is given by the expression:

$$\text{mean} = \frac{\Sigma x}{n}$$

where Σx is the sum of all inputs, and n is the value of x; and

determining said accuracy index wherein said accuracy index is given by the expression:

$$accuracy\ index = \frac{value\ of\ a\ contributor}{base\ value}\ x\ 100\%$$

where $value\ of\ a\ contributor$ is one of said inputs, and $base\ value$ is said mean.

314. The method according to claim 2831 wherein said step of determining said accuracy index comprise:

determining a mode from said inputs;

determining said accuracy index wherein said accuracy index is given by the expression:

$$accuracy\ index = \frac{value\ of\ a\ contributor}{base\ value}\ x\ 100\%$$

where $value\ of\ a\ contributor$ is one of said inputs, and $base\ value$ is said mode.

325. The method according to claim 2831 wherein said step of determining said score for each of said plurality of contributor groups from said inputs comprise:

reading a previous accuracy index of each of said contributors in said media;

assigning a weightage to each of said contributors based on said previous accuracy index of each of said contributors;

adjusting the value of said inputs based on said weightage of each of said contributors; and

determining said score based on said adjusted value.

336. The method according to claim 3235 wherein said step of determining said score based on said adjusted value comprise:

determining the average of said adjusted value of said inputs.

~~37. The method according to claim 24 further comprising:~~

~~reading a historical data in said media, said historical data being a data structure that contains previous prices or demand on a certain product;~~

~~identifying events occurred in said historical data;~~

~~selecting a one of said identified events;~~

~~determining said quantitative information by analysing changes in said historical data due to said selected one of said identified event; and~~

~~storing said quantitative information in said media.~~

~~38. The method according to claim 37 further comprising:~~

~~removing said changes due to said selected one of said identified event from said historical data.~~

~~39. The method according to claim 37 wherein said step of determining said quantitative information comprises:~~

~~selecting a window period,~~

~~determining a correlation coefficient by the expression:~~

$$r_{xy} = \frac{\sum_{i=0}^{n}(x_i - \bar{x})(y_i - \bar{y})}{\sqrt{\sum_{i=0}^{n}(x_i - \bar{x})^2 (y_i - \bar{y})^2}}$$

~~where x is a price or demand in said historical data, y is a change due to said key event, n is said window period, $\bar{x}$ is an average value of x within said window period, $\bar{y}$ is an average value of y within said window period;~~

~~comparing said correlation coefficient with a predetermined correlation coefficient value; and~~

~~determining said quantitative information in response to said correlation coefficient being more than said predetermined correlation coefficient value.~~

3~~40~~. The method according to claim 21~~39~~ wherein said predetermined correlation coefficient value is 0.7.

3~~541~~. The method according to claim 21~~39~~ wherein said quantitative information comprises said window period, an impact curve, a time lagging value and an impact duration.

3~~642~~. The method according to claim 3~~541~~ said step of determining said quantitative information further comprises:

updating said media with said quantitative information.

3743. The method according to claim 3642 wherein said step of determining said quantitative information further comprises:

determining a score associated to said key event; and

appending said score to said quantitative information.

3844. The method according to claim 3743 wherein said step of determining said score associated to said key event comprise:

determining a percentage change in value over said impact duration in said key event by the expression:

Percentage change = (Price – Price') * 100%

where Price is a value at a beginning of said impact duration, Price' is a value at an end of said impact duration; and

determining a score based on said percentage change.

3945. The method according to claim 3844 wherein said score is in a range of 1 to 5.

406. The method according to claim 3844 wherein said step of determining said score based on said percentage change comprise:

indicating said score as 1 if percentage change is between -10% to -7%;

indicating said score as 2 if percentage change is between -6% to -3%;

indicating said score as 3 if percentage change is between -2% to 2%;

indicating said score as 4 if percentage change is between 3% to 6%; and

indicating said score as 5 if percentage change is between 7% to 10%.