PSAR-3

Part-1:

Patent Search Database Used - Google Patents

Website link - <https://patents.google.com/>

Keywords Used for Search - Stock

                                               Market

                                               Predictor

Search String Used - Stock Market Predictor

Number of Results/Hits getting - 11

Part-2:

Category/Field of Invention - Computer/IT Engineering

Invention is Related to/Class of Invention -  Displaying price modeling data

[IPC class of the studied patent](http://www.wipo.int/classifications/ipc/en/) -  G06Q40/04

Title of Invention - System and method for displaying price modeling data

Application No. - US20060004861A1

Web link of the studied patent  - <https://patents.google.com/patent/US20060004861A1/en?q=Stock+Market+Predictor&oq=Stock+Market+Predictor&page=1>

Date of Filing/Application - 2004-05-28

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**Inventor**

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| \* Name of Inventor - Michael Albanese  Address/City/Country of Inventor - United states  **Applicant**   |  | | --- | | \* Name of Applicant/Assignee - Vendavo Inc  Address/City/Country of Applicant - United states  Applicant for Patent is - Company  Part-3:  Limitation of Prior Technology/Art :  The present invention allows a user make filter, zoom, and roll up selections and apply those selections to a desired price modeling data set. As such the present invention provides a system configured to suitably display price modeling data having a data selection module for selecting at least one subset of the price modeling data, a data aggregation module for aggregating at least one subset of the price modeling data, and a display module configured to display at least one of the at least one selected subset and the at least one aggregated subset of the price modeling data.  Specific Problem Solved/Objective of Invention:  Price modeling using a variety of analytical methods has been described in many publications including, for example, economic treatises, textbooks, and patents. Numerical information culled from vast data sets containing numerous transaction based sales operations may be analyzed and displayed in any of a number of different ways such as through word processing, spreadsheets, and graphical software programs. Modeling this numerical information visually in a price modeling context presents various challenges to designers and analysts.  Brief about Invention :  It is a flow chart illustrating a simplified client and server communication schema in accordance with an embodiment of the present invention; and also a method of acquiring data from a data source and populating a transaction table in accordance with an embodiment of the present invention.It is a flow chart illustrating a method of creating an index in accordance with an embodiment of the present invention and alsoillustrating a number of client operations in accordance with an embodiment of the present invention.it is also a method of filtering data in accordance with an embodiment of the present invention.  Key Learning Points :  In order to effectively communicate via visual display methods information gleaned from data sets, designers face many challenges. In one instance the sheer number of data entries in a transaction based data warehouse can typically exceed many millions of transactions. Displaying millions of individual entries on a single display will not generally provide an analyst with useful information. Typically, generally known statistical analysis methods may be employed to aggregate data. Averages, medians, modes, and other statistical methods well known in the art may be utilized to aggregate data so that trends and analysis may be affected. However, in some cases, unique methods of data aggregation may be desirable.  Summary of Invention :  The present invention presents systems and methods for displaying price modeling data. The present invention allows a user make filter, zoom, and roll up selections and apply those selections to a desired price modeling data set. One embodiment of the present invention provides a system configured to suitably display price modeling data having a data selection module for selecting at least one subset of the price modeling data.Another embodiment of the present invention presents a method for suitably displaying price modeling data. In the method, price modeling data set selections based on user preferences may be made. Price modeling data may also be used to aggregate on user selected data in accordance with the present invention.  Number of Claims  - 90  Patent Status - Published Application  How much this invention is related with your IDP/UDP?  - >91%  **Idea to Improve this Patent**  \* 27. Do you have any idea to do anything around the said invention to improve it? :  It can be appreciated that indexes, as disclosed may be calculated in real-time using a current data set. Furthermore, transforming data in accordance with the present invention does not result in the loss of information because a transaction table, upon which an index is calculated, is preserved. Thus, a user may freely explore data that underlies an index calculation, thus yielding a richer research tool. In addition, indexes, as contemplated by the present invention, may be rolled up. Generally speaking, roll up allows a user to summarize by field a set of data. | |