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(54) Title of the invention : BIGMART SALES PREDCTION USING MACHINE LEARNING ALGORITHMS

<p>(51) International classification :G06Q0030020000, G06N0020000000, G06Q0010060000, G06N0003000000, G06Q0030060000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : <b>1)Dr. S. Sandhya rani</b> Address of Applicant :Associate Professor, Computer Science Engineering Dept., Malla Reddy Engineering College, Maisammaguda (Post. Via. Kompally), Medchal-Malkajgiri-500100, Maisammaguda -----</p> <p><b>2)Malla Reddy Engineering College</b> Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : <b>1)Dr. S. Sandhya rani</b> Address of Applicant :Associate Professor, Computer Science Engineering Dept., Malla Reddy Engineering College, Maisammaguda (Post. Via. Kompally), Medchal-Malkajgiri-500100, Maisammaguda -----</p> <p><b>2)Dr Arun Kumar Kandru</b> Address of Applicant :Associate Professor, Computer Science Engineering Dept., Malla Reddy Engineering College, Maisammaguda (Post. Via. Kompally), Mechal-Malkajgiri-500100, Maisammaguda -----</p> <p><b>3)Mr.PV Ramana Murthy</b> Address of Applicant :Assistant Professor, Computer science Engineering Dept., Malla Reddy Engineering College, Maisammaguda (Post. Via. Kompally), Mechal-Malkajgiri-500100, Maisammaguda -----</p> <p><b>4)Mr.P. Srikanth</b> Address of Applicant :Assistant Professor, Computer Science Engineering Dept., Malla Reddy Engineering College, Maisammaguda (Post. Via. Kompally), Mechal-Malkajgiri-500100, Maisammaguda -----</p> <p><b>5)Mr. K. Mani Raju</b> Address of Applicant :Assistant Professor, Computer science Engineering Dept., Malla Reddy Engineering College, Maisammaguda (Post. Via. Kompally), Mechal-Malkajgiri-500100, Maisammaguda -----</p> <p><b>6)Ms. Aenugu Rasagnya</b> Address of Applicant :Assistant Professor, Computer Science Engineering Dept., Malla Reddy Engineering College, Maisammaguda (Post. Via. Kompally), Mechal-Malkajgiri-500100, Maisammaguda -----</p> <p><b>7)Ms. Gnaeswari Bodana</b> Address of Applicant :Assistant Professor, Computer Science Engineering Dept., Malla Reddy Engineering College, Maisammaguda (Post. Via. Kompally), Mechal-Malkajgiri-500100, Maisammaguda -----</p> <p><b>8)Mr.P V. Ramanaih</b> Address of Applicant :Assistant Professor, Computer Science Engineering Dept., Malla Reddy Engineering College, Maisammaguda (Post. Via. Kompally), Mechal-Malkajgiri-500100, Maisammaguda -----</p> <p><b>9)Ms. Nagma Begum</b> Address of Applicant :Assistant Professor, Computer Science Engineering Dept., Malla Reddy Engineering College, Maisammaguda (Post. Via. Kompally), Mechal-Malkajgiri-500100, Maisammaguda -----</p> <p><b>10)Ms Gattupalli Priyanka</b> Address of Applicant :Assistant Professor, Computer Science Engineering Dept., Malla Reddy Engineering College, Maisammaguda (Post. Via. Kompally), Mechal-Malkajgiri-500100, Maisammaguda -----</p>
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(57) Abstract :  
A class of formulas known as "machine learning" enables computer programs to predict outcomes more correctly without having to be explicitly programmed. The ability to develop systems and algorithms that can gather input data, use analytical assessment to predict a result, and update outputs when new data becomes available is the main strength of artificial intelligence. To achieve the organization's purpose, precise actions will be required, and these variations can be employed in a variety of circumstances and are taught to satisfy management expectations. In order to forecast the sales of various types of goods and to determine the effects of various factors on the sales of the goods, the example of Large Mart, a one-stop shopping center, has been looked at in this study. Several parts of a dataset acquired for Big Mart and the procedure used for developing it are used to provide results with high levels of accuracy.

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