

Abstrak

PT Industri Karet Deli berada di Jalan K.L.Yos Sudarso, KM 8,3, Kecamatan Medan Labuhan, Tanjung Mulia, Medan, Sumatera Utara. PT. Industri Karet Deli bergerak dalam bidang pembuatan produk karet. PT. Industri Karet Deli memasarkan produk ban ke seluruh wilayah Indonesia, serta beberapa produk terkenalnya juga dipasarkan ke luar negeri. Pemasaran di Indonesia dilakukan dengan melalui beberapa distributor, yang nantinya disalurkan ke beberapa dealer-dealer, bengkel-bengkel, serta tempat-tempat reparasi otomotif. PT. Industri Karet Deli menjual produk-produknya kepada produsen-produsen otomotif seperti pabrik-pabrik perakitan mobil dan sepeda motor, dan produsen sepeda. Pada PT. Industri Karet Deli, terdapat beberapa kelemahan sistem seperti Sistem terhadap penjualan ban masih menggunakan metode perhitungan yang masih sangat sederhana dan belum optimal, penyebaran informasi transaksi penjualan dan penyampaian laporan penjualan masih membutuhkan waktu yang cukup lama karena data harus dicetak terlebih dahulu kemudian diserahkan kepada administrasi dan dalam melakukan pencatatan hasil penetapan harga pokok produksi produk, pihak PT. Industri Karet Deli belum menggunakan sistem pencatatan metode Moving Average yang berfungsi untuk mempermudah dalam memprediksi penjualan ban pada PT. Industri Karet Deli. Moving Average atau Rata-rata bergerak adalah metode peramalan yang menghitung rata-rata suatu nilai runtut waktu dan kemudian digunakan untuk memperkirakan nilai pada periode selanjutnya.

Kata Kunci : *Moving Average, XAMPP, MySQL.*

Abstrac

PT Industri Karet Deli is located at Jalan K.L. Yos Sudarso, KM 8.3, Medan Labuhan District, Tanjung Mulia, Medan, North Sumatra. PT. Deli Rubber Industry is engaged in manufacturing rubber products. PT. The Deli Rubber Industry markets tire products throughout Indonesia, as well as several well-known products which are also marketed overseas. Marketing in Indonesia is done through a number of distributors, which will then be distributed to several dealers, workshops, and automotive repair places. PT. The Deli Rubber Industry sells its products to automotive manufacturers such as car and motorcycle assembly plants, and bicycle manufacturers. At PT. Deli Rubber Industry, there are several weaknesses in the system such as the system of tire sales still using calculation methods that are still very simple and not optimal, the distribution of sales transaction information and submission of sales reports still require a long time because the data must be printed first then submitted to the administration and in recording the results of determining the cost of product production, PT. Deli Rubber Industry has not used the Moving Average method of recording system which serves to make it easier to predict tire sales at PT. Deli Rubber Industry. Moving Average or moving average is a forecasting method that calculates the average value of a coherent time and then used to estimate the value in the next period.

Keywords : *Moving Average, XAMPP, MySQL.*