

## Analisis persediaan menggunakan pendekatan analisis ABC kriteria ganda pada PT Intecs Teknikatama Industri = Inventory analysis using multiple criteria ABC analysis approach in PT Intecs Teknikatama Industri / Laura

Laura, author

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### Abstrak

[<b>ABSTRAK</b><br>

Tesis ini membahas persediaan dalam perusahaan distributor, dengan tujuan mengetahui efisiensi persediaan, mengetahui barang-barang bernilai tinggi, serta mengetahui peran persediaan bagi perusahaan. Metode penelitian untuk menganalisis efisiensi persediaan adalah rasio days of inventory dan rasio inventory turnover, dan metode untuk mengidentifikasi barang-barang bernilai ekonomis tinggi adalah analisis ABC kriteria ganda dengan dua kriteria, yaitu volume penjualan dalam Rupiah dan lead time. Kemudian untuk memahami situasi perusahaan digunakan metode analisis eksternal, dan analisis finansial. Data dikumpulkan dengan dua cara, yaitu wawancara dan pengumpulan data sekunder seperti data persediaan, profil perusahaan, dan keuangan. Hasil penelitian menunjukkan bahwa persediaan kurang efisien dan tingkat beban tinggi. Untuk mengelola persediaan, perusahaan perlu untuk mengidentifikasi dan memfokuskan diri pada barang-barang paling penting dan berdampak bagi bisnis, dan di sinilah peran analisis ABC kriteria ganda. Hasil analisis menunjukkan terdapat 4 SKU dalam kategori AA, 6 SKU dalam kategori BB, dan 12 SKU dalam kategori CC. Strategi pembelian kemudian diaplikasikan pada tiap kategori menggunakan matriks dua dimensi. Analisis finansial menunjukkan bahwa persediaan perlu dikelola lebih lanjut sebab ketidakefisienannya mempengaruhi performa perusahaan.

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<b>ABSTRACT</b><br>

This thesis examines inventory in Distributor Company, aiming to know inventory efficiency, and high economic value items, and the inventory role within company. The method used to analyze inventory efficiency is days of inventory and inventory turnover ratio. The method used to identify high economic value items is multiple criteria ABC analysis with two criteria, namely usage volume in Rupiah and lead time. After analyzing the inventory, company situation is examined by analyzing external and financial condition. Data collected through interview and secondary data collection, such as inventory, company profile, and financial data. This research finds that inventory has low efficiency and high inventory level. The company must identify the most important items with most impact to manage its inventory. Thus, this is where multiple criteria ABC takes part. Result shows that there are 4 SKU in AA category, 6 SKU in BB category, and 12 SKU in CC category. Afterwards, suitable purchasing strategy is applied to each category using two dimensional matrix. Financial analysis shows that inventory needs to be managed further because its inefficiency has affected company performance.

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