ABSTRACT

Credit Portfolio Optimization Using Markowitz Method (Case Study PT. BPR Pusaka Dana, Tangerang, Banten)

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The purpose of this study was to find an efficient credit portfolio that maximizes return for a given level of risk or minimizes risk for a given level of return at PT. BPR Pusaka Dana. The data were collected from PT. BPR Pusak Dana, BI (Bank Indonesia), and BPS (Badan Pusat Statistika). This study calculates PT. BPR Pusaka Dana’s risk and return for the last 5 years. The results showed that the optimal portfolio would be reveal at portfolio return of 2.486% with 0.009 standard deviation, which represented it’s risk. The portfolio would be comprised of commercial trading sector 6.238%, industrial sector 0.670%, service sector 1.530%, others sector 87.144%, and agricultural sector 4.369%. Result analysis showed increasing credit in agricultural sector and others sector increasing return. Others sector got biggest proportion in portfolio but others sector as consumption credit is not real sector. Therefore, PT. BPR Pusaka Dana suggested willing to expand there investment credit or working capital, so it’s can affect directing to increasing economic scale and the business scale.

Keyword : Bank Perkreditan Rakyat (BPR), Optimal Return, Markowitz Portfolio