Regional autonomy has given an economic authority to local governance in exploring and exploiting the economic potency as efforts to improve the welfare of the society. Therefore, this study aims to analyze the economic potency and identify potential sector of economy in new autonomous region in the province of Lampung for considerate option in doing economic development plan. This study uses secondary data from Gross Regional Domestic Product of new autonomous regions and the province of Lampung in 2008-2013. Analyzing tools which are used in this research are LQ, Shift Share, Growth Ratio Model and Sectoral Typology. The results from those analyzing tools show that in each regency has own potential economic sector which become economic specialization in each area, it shows the different economic characteristics between the various regions.

Keywords: new autonomous regions, economic potency , social welfare