

## **Abstract**

This research relates to the topic of the inverse Lindley distribution, the first section includes general introduction of inverse Lindley distribution, moreover presenting the statistical properties of the inverse Lindley distribution which are include the probability density function, the cumulative distribution function, the survival function, the hazard function, moments, kurtosis, skewness, and the moment generating function. The second section included the use of the maximum likelihood estimation to estimate the parameter ( $\theta$ ) of inverse Lindley distribution