

## MOHD BAKRI ADAM

### Ph.D. (University of Lancaster)

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#### EXPERTISE

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Dr. Mohd Bakri Adam is a senior lecturer of statistics, UPM. He obtained his Ph.D. from Lancaster University specialized in Extreme Sports Modeling in 2007. His major research areas include Extreme Value Theory, Bayesian analysis and Exploratory Data Analysis.

#### Current Research Interest

- **Extreme Value Theory, EVT**

Dealing with extreme phenomena i.e. maximum, minimum of precipitation, the fastest athlete performance in the world etc. EVT not just limited to the above applications. The blend of mix field applications are much popular. Non-parametric regression Alternative to parametric approaches in statistics field. It also involve many part of statistics such as kernel analysis, penalized statistics, generalized additive modelling, smoothing, etc. Usually the data speak for themselves. Model selection criteria sometimes being used to select the best model.

- **Bayesian Extreme**

The combination knowledge of EVT and Bayesian in modelling new group of data. Some inferential method will be introduced. Much work can be carried out as these Bayesian extreme need more exploration and results to be put forward.

- **Exploratory Data Analysis**

Exploratory Data Analysis (EDA) is the field of statistics that dealing in getting the information from raw data. EDA tools are very popular in all field of research namely histogram, bar plot, box plot, scatter plot, stem and leaf etc. New modification of the classical construction of EDA tools have been carried out. Now EDA is one of element field in Data Science.

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#### LINK TO POSTGRADUATE FIELD OF STUDY:

Statistics, Applied and Computational Statistics

#### ADDITIONAL INFORMATION: