Some recent developments in probability distributions

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The paper by Eugene, Lee and Famoye in 2002 pioneered the class of beta generated probability distributions. Since then, many members of the class have appeared in the literature along with their various properties and applications. The class was extended to the Kumaraswamy generated class. A more general class, the class of $T$-$X$ distributions, was recently developed. This talk will address some of the important properties and applications of these different classes. The present challenges with the estimation of distribution parameters and some open problems will be mentioned.

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