Special Issue

Data-Driven Approaches in Revenue Management and Pricing Analytics

Message from the Guest Editors

Revenue management (RM) was first introduced in the airline sector after its deregulation in the late 1970s but has since seen a widespread adoption in other industries such as the hotel, car rental, ferry, manufacturing, logistics, attended home delivery sectors, amongst others. The main processes in a typical RM system includes customer segmentation, demand forecasting, and revenue optimisation. Pricing analytics, which uses historical data to determine the best prices to set in the future, has found its applications in a wide range of industries. It is also a primary lever used in RM to drive revenue. The continuous advances made in big data technique over the last couple of decades has led to the development of novel methodologies and applications of RM and pricing analytics in both traditional and emerging industries. This Special Issue provides a forum for researchers to present and share their recent novel works in data-driven approaches in any areas within the realm of RM and pricing analytics. These approaches can be either descriptive, predictive, or prescriptive methods of analysis.

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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