El Departamento Académico de Estadística del ITAM

anuncia la siguiente sesión (No. 247) de

EL SEMINARIO ALEATORIO
que, con el título

" Generation of Linearly Representative Samples "

Impartirá

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Abstract

We present a technique to avoid the disclosure on confidential information and keep statistical data bases secure. Our method gathers a new sample that captures all the essence of the original one. The level of protection that our method provides is both, at an individual level and at an overall level. We apply Principal Components to generate linearly representative new data that will keep all the characteristics of the original sample. There are two advantages to our method, first, if desired, we can keep the original name of the covariates involved in the study without any risk of the recognition of individuals on the data; second, we can either obtain a sample of the exact same size of the original one or bigger, this will alow us obtain a more representative data set in the case that the original one lacks in size.

→ **Fecha: Viernes 03 de Mayo 2013**
→ **Seminario: 13:00**
→ **Salón B-3, Plantel Río Hondo**

Lista de seminarios próximos. Visite:

http://estadistica.itam.mx/seminarios.hph

El Seminario Aleatorio está destinado tanto a profesores como a estudiantes, por lo que el Departamento de Estadística agradece a los profesores que colaboren invitando a sus alumnos a estas sesiones.