



K S SCHOOL OF ENGINEERING AND MANAGEMENT

(Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi, Accredited by NAAC)
No.15, Mallasandra, Off Kanakpura Road, Bengaluru-560109

WORKSHOP ON FUNDAMENTALS OF DATA SCIENCE & MACHINE LEARNING



DAY 1

- Introduction to Transact-SQL
- Sort and filter results in T-SQL
- Combine multiple tables with JOINS in T-SQL

DAY 2

- Write Sub queries in T-SQL
- Use built-in functions and GROUP BY in Transact-SQL
- Introduction to machine learning

DAY 3

- Build classical machine learning models with supervised learning
- Introduction to data for machine learning
- Train and understand regression models in machine learning
- Refine and test machine learning models

DAY 4

- Create and understand classification models in machine learning
- Select and customize architectures and hyperparameters using random forest
- Confusion matrix and data imbalances
- Measure and optimize model performance with ROC and AUC

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ORGANIZED BY DEPT. OF AI&DS

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