## Data Mining- Practice 6 Classification- Support Vector machines and Kernel Trick

Rajesh Kalakoti<sup>§</sup>, Sven Nomm\*

\* Taltech, Estonia, 12616

§ Email: rajesh.kalakoti@outlook.com

Abstract—In today's practical session, we delve into the Support Vector Machines (SVMs) and the ingenious technique known as the kernel trick. SVMs, a class of supervised machine learning algorithms, are proficient in both classification and regression tasks.