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Program & Semester: B.Tech (IT/EC)- 7<sup>th</sup> Semester & M.Tech (CLIS)- 3<sup>rd</sup> Semester

Course Title: Database Security  
Instructor: S. Venkatesan  
Tutorial and Practical Assignment - 2 (Component 2)

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**Important Note: 1. To be done Individually, 2. Duration: Two weeks**

1. **Practical: K-Anonymity** - Implement your own algorithm to generalize a numeric attribute.
2. **Tutorial: Anonymity** - Analyse the Earth Mover's Distance with an example.
3. **Tutorial: t-Closeness** - Analyse the Example of t-Closeness? Ref: N. Li, T. Li and S. Venkatasubramanian, t-Closeness: Privacy Beyond k-Anonymity and l-Diversity, 2007 IEEE 23rd International Conference on Data Engineering, Istanbul, 2007, pp. 106-115. doi: 10.1109/ICDE.2007.367856