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Comparative Approaches for Classification of Diabetes Mellitus Data:
Machine Learning Paradigm

Md. Maniruzzaman, Nishith Kumar, Md. Menhazul Abedin,
Md. Shaykhul Islam, Harman S. Suri, Ayman S. El-Baz, Jasjit S. Suri

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Highlights

- Introduce Gaussian process classification (GPC) technique for diabetes classification in machine learning framework.
- GPC uses three kernels types, namely: linear, polynomial and radial basis kernel
- Comparison of GPC with existing classification techniques such as: LDA, QDA and NB.
- GPC-based model gave highest accuracy, sensitivity, specificity and other performance parameters.
- Machine learning systems are very useful for Diabetes data classification, one of the deadly diseases of the globe.

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