

## **Offline Assignment 4 Report**

CSE 472 Sessional

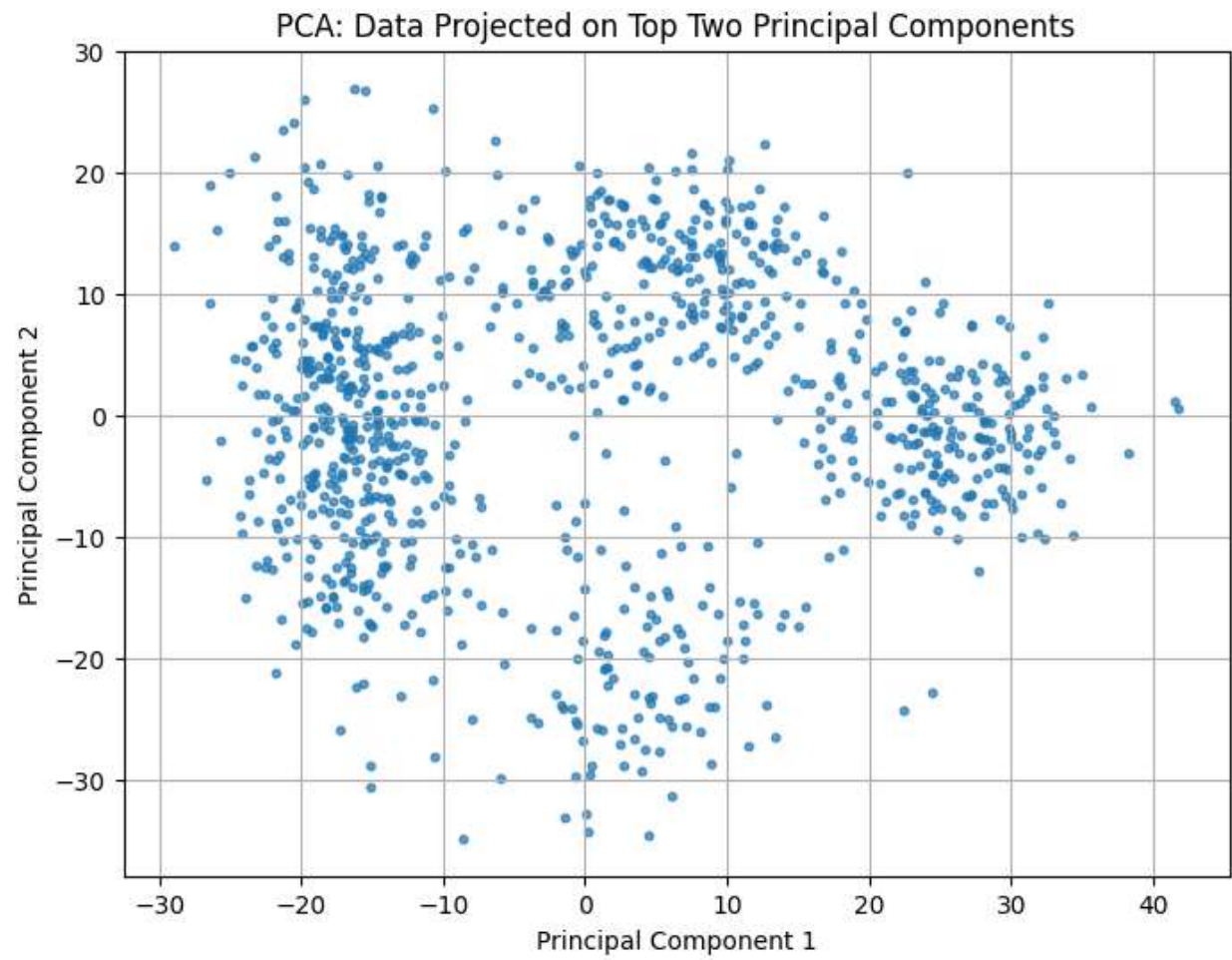
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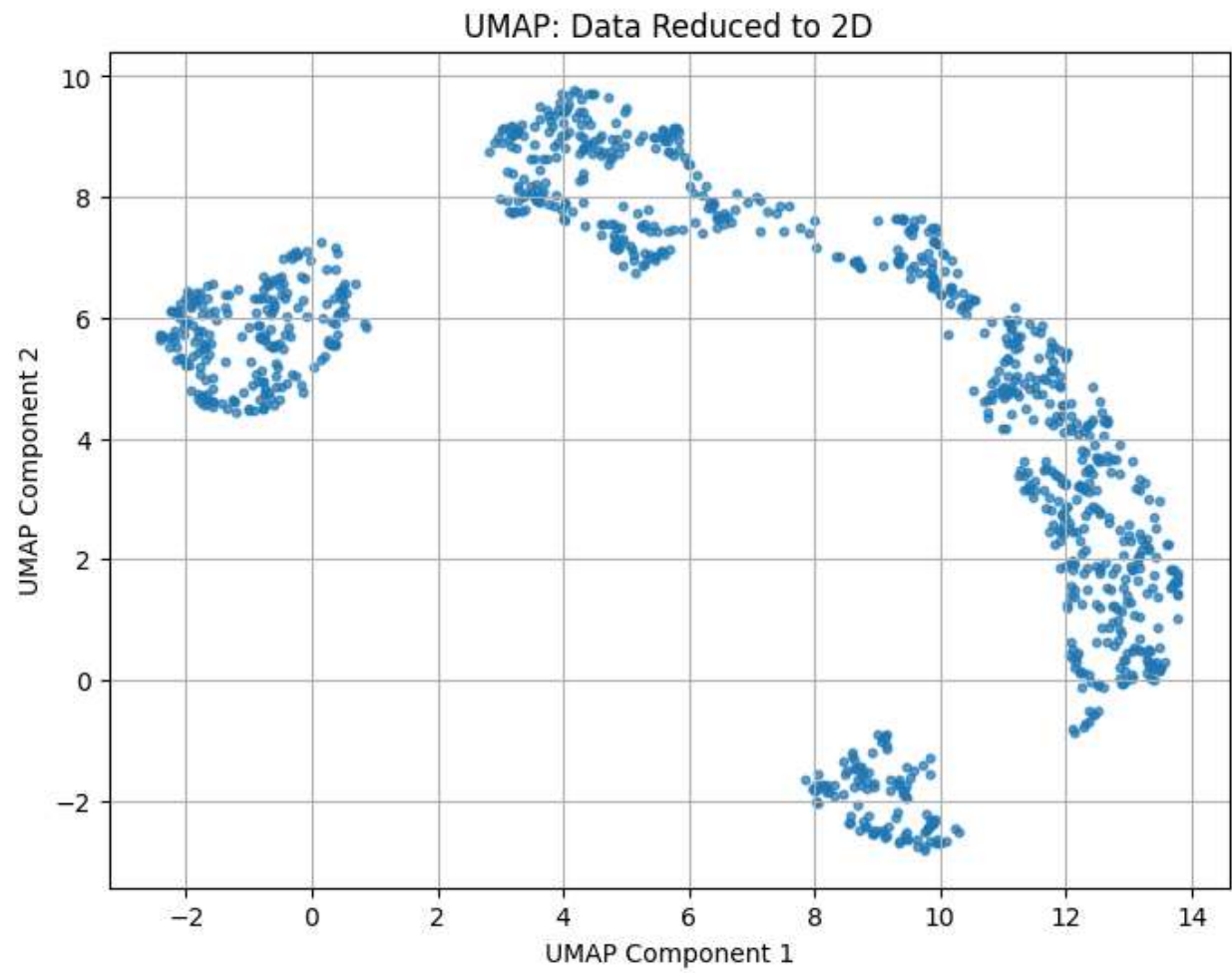
## **How to run code:**

- Install necessary libraries.
- Paste data files in the same folder.
- Run code blocks sequentially.

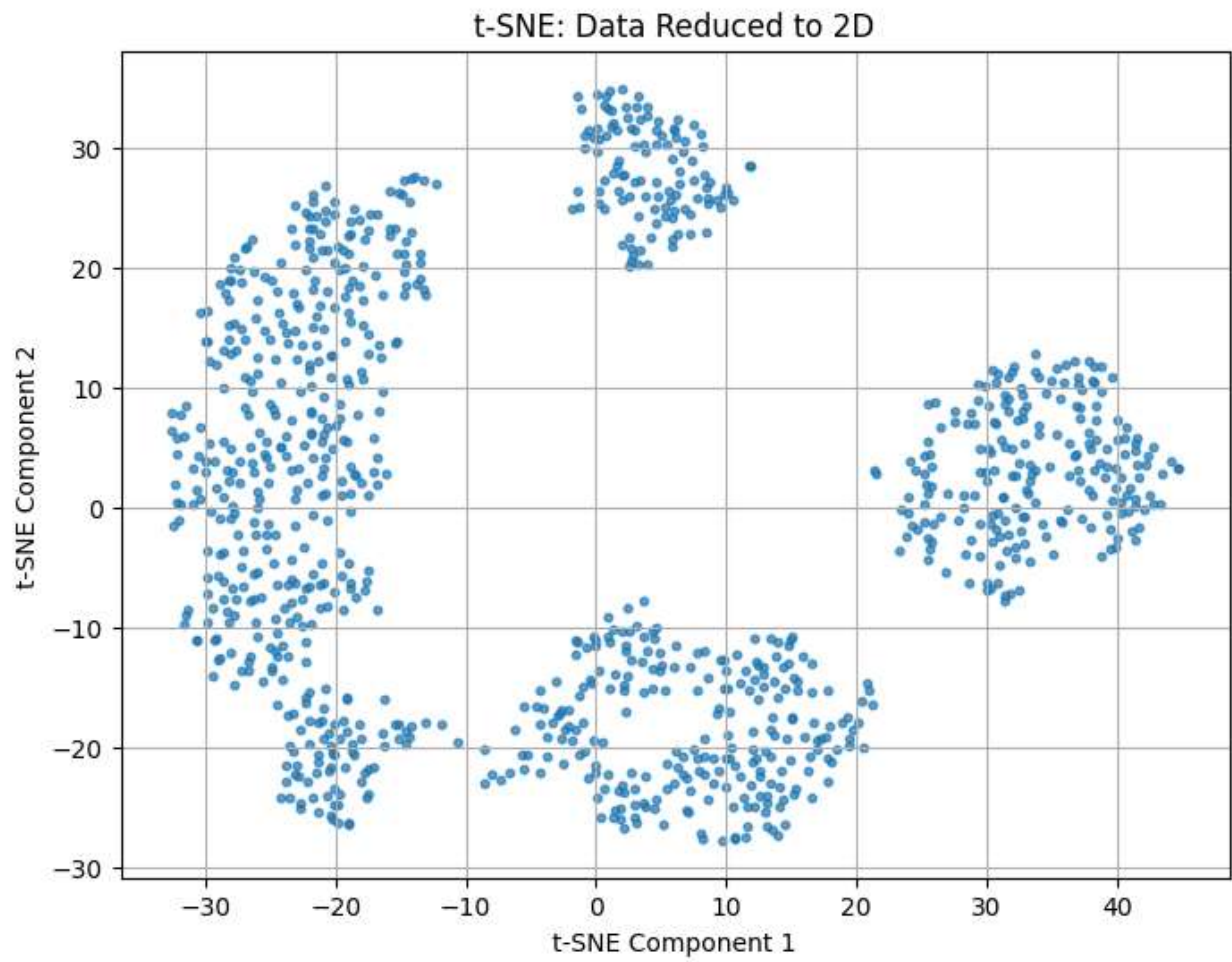
## PCA scatter plot:



## UMAP scatter plot:



**tSNE scatter plot:**



<b>Mean number of children in families with family planning:</b>	<b>1.78304304</b>
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<b>Mean number of children in families without family planning:</b>	<b>4.91125746</b>
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<b>Proportion of families with family planning:</b>	<b>0.356196</b>
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<b>Proportion of families without family planning:</b>	<b>0.643804</b>
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