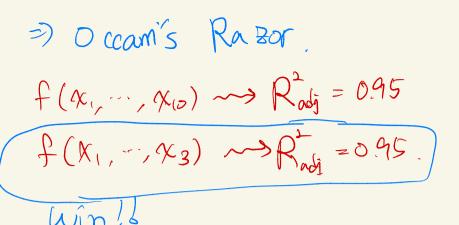
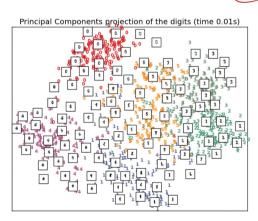


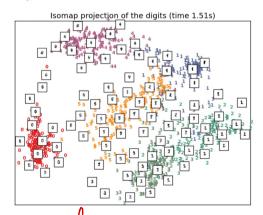
"Dimesion Reduction of 3/23 1. 补约 刊智等 2012时是双型的变动。 J=f(n) + E dimension + 3 रेडिंग याने हैंग 马金野山 可起, 青石器 四月十里里到到一

Variable.



4. 四向的是 基础部是 是是有自 补充 (intrinsic dimension) 是 何何知是 基础的 和现代





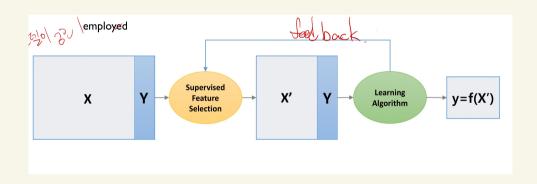
MNIST Data

=) 2497.93 3/245 OLDS \$245. ((6×16-)2)

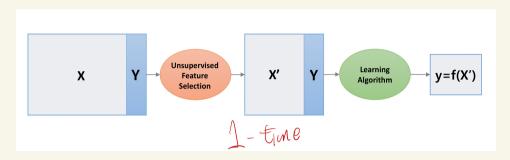
- · Supervised us Unsupervised Method.

- Supervised.

- Supe



- Unsupervised. . Body 35001 2403 X . I-time Learning



* feature selection us extraction

$$\begin{bmatrix} x_1 \\ x_2 \\ \vdots \\ x_N \end{bmatrix} \xrightarrow{\text{feature selection}} \begin{bmatrix} x_{i_1} \\ x_{i_2} \\ \vdots \\ x_N \end{bmatrix} \xrightarrow{\text{feature extraction}} \begin{bmatrix} y_1 \\ y_2 \\ \vdots \\ y_M \end{bmatrix} = \mathbf{f} \begin{bmatrix} x_1 \\ x_2 \\ \vdots \\ x_N \end{bmatrix}$$