



$$\sum_{i=1}^n a_i a_j + \sum_{i=1}^n v_i y$$

$$B A =$$

$$= \begin{pmatrix} \beta_1 & \beta_2 & \dots & \beta_n \end{pmatrix} \begin{pmatrix} a_1 \\ a_2 \\ \vdots \\ a_n \end{pmatrix} = \begin{pmatrix} \beta_1 a_1 + \beta_2 a_2 + \dots + \beta_n a_n \\ \vdots \\ \beta_1 a_1 + \beta_2 a_2 + \dots + \beta_n a_n \end{pmatrix}$$

$$= \beta^T e^{-\beta^T b} \begin{pmatrix} a_1 \\ a_2 \\ \vdots \\ a_n \end{pmatrix}$$

Simplest Data
use β to represent.