1 Parameter initializations

2 **for** each company **do**

3 Build applicant dataset (sans labels column)

4 Assign row and column names to applicant dataset

5 Perform logic correction on applicant dataset

6 Generate labels using criteria number

7 Add labels column to the applicant dataset

8 Set Controls for model training, e.g. train/test split, etc.

9 Train model using training set, save model for future ref

10 Create User1's applicant feature vector

11 Pass AFV through the trained model to get a label.

12 Save the label in 'myPersonalizedLabels' vector

13 Save other datasets for future reference.

14 **end**

15 Build company dataset (sans labels column)

16 Assign row and column names to company dataset

17 Perform logic correction on company dataset

18 Add 'myPersonalizedLabels' as the labels column for company dataset

19 Set Controls for training the 'Personalized Job Classifier' model

20 Train model using training set, save model.

21 Done! Use the model on 'new' unseen companies.