1. **Merging Train and Test Sets**
2. **Adding Features**

Mr, Master, Miss, Mrs (use trim and mid functions to compute)

1. **Female Profiling**
   1. Class 3, Survived
      1. Married
         1. With kids
         2. Without kids
      2. Unmarried
         1. Child
         2. Adult
   2. Class 3, Died
      1. Married
         1. With kids
         2. Without kids
      2. Unmarried
         1. Child
         2. Adult
   3. Class 2, Survived
      1. Married
         1. With kids
         2. Without kids
      2. Unmarried
         1. Child
         2. Adult
   4. Class 2, Died
      1. Married
         1. With kids
         2. Without kids
      2. Unmarried
         1. Child
         2. Adult
   5. Class 1, Survived
      1. Married
         1. With kids
         2. Without kids
      2. Unmarried
         1. Child
         2. Adult
   6. Class 1, Died
      1. Married
         1. With kids
         2. Without kids
      2. Unmarried
         1. Child
         2. Adult
2. **Male Profiling**
   1. Class 3, Survived
      1. Child
         1. Alone
         2. Sibling
      2. Adult
         1. Alone
         2. Sibling
            1. Male
            2. female
         3. Spouse
   2. Class 3, Died
      1. Child
         1. Alone
         2. Sibling
      2. Adult
         1. Alone
         2. Sibling
            1. Male
            2. female
         3. Spouse
   3. Class 2, Survived
      1. Child
         1. Alone
         2. Sibling
      2. Adult
         1. Alone
         2. Sibling
            1. Male
            2. female
         3. Spouse
   4. Class 2, Died
      1. Child
         1. Alone
         2. Sibling
      2. Adult
         1. Alone
         2. Sibling
            1. Male
            2. female
         3. Spouse
   5. Class 1, Survived
      1. Child
         1. Alone
         2. Sibling
      2. Adult
         1. Alone
         2. Sibling
            1. Male
            2. female
         3. Spouse
   6. Class 1, Died
      1. Child
         1. Alone
         2. Sibling
      2. Adult
         1. Alone
         2. Sibling
            1. Male
            2. female
         3. Spouse

Once the age of a wife or female sibling is computed, try to add the age of the corresponding husband or male sibling.

Once the age of a male is computed, try to add the age of the corresponding male sibling.

1. **Unmerge Train and Test Sets**