In the fictional country of Skill nation, the government has launched a series of skilling programs to empower its citizens and combat unemployment. These programs are being embraced by a diverse group of citizens. Impact evaluation of the first batch of participants. The evaluation focuses on several key areas:

1. **Participant Demographics**: The evaluation examines the demographic profile of the participants, their diversity in terms of age, gender, education level, and previous employment status, and any correlation between these demographic factors and program outcomes.

   Gender Ratio Distribution: 50-50 between Male & Female Group of population.

   Age Distribution: This group comprises of three different sections.

   1. Between (20-24) categorized as Young: Contribution of participants to the following distribution is about 46.05%.

   2. Between (24-28) categorized as Adult: Contribution of participants to the following distribution is about 40.79%.

   3. Between (28 & above) categorized as Experienced: Contribution of participants to the following distribution is about 13.16%.

   Education based Distribution: 1:51:47 between Three Group of population Doctorate, Master's, Bachelor's.

   We tend to observe that Education level & Age group are relatively one of the major factors resulting in participation towards the Skill program. Two groups contribute more than 80% of participation. We also observe that there is a hypothetical distribution of participants which exponentially increases with age and education level. About 25% of the participation is by the experienced age group people doing Master's and 58% of the participant is by Adult age group.

2. **Skilling Program Metrics**: The evaluation identifies the types of skilling programs offered and their training providers, and will assess the typical duration of participant engagement in these programs.

   The major providers are:

Training Provider	Program	Engagement Period
Career Craft Education	Vocational Training	1 Months 3.5 Weeks
Career Craft Education	Vocational Training	2 Months 1 Weeks
Skill Tech Solutions	Digital Marketing	2 Months 2.5 Weeks
Code Masters Academy	Web Development	2 Months 3 Weeks
Skill Tech Solutions	Digital Marketing	2 Months 3 Weeks
Gourmet Skills College	Culinary Arts	3 Months
Code Masters Academy	Web Development	3 Months 1 Weeks
Data Insight University	Data Analytics	3 Months 3 Weeks

   There are group of observations based on the pre and post assessment score which quantifies a 15 to 18% of improvement based on different education level groups. Skill Tech solution provides a exponentially slightly better performance than other Training providers. Education level also contributes majorly in the performance score, doctorate degree but as the sample population is not large enough for conclusion, also tends to provide better performance in terms of income based on education. We also observe that there is increase in employment post training program. Data analytics program is recommended based on score performance with increase of about 42%.