



# New Coder Model

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*“An investment in knowledge  
pays the best interest.”*

- BENJAMIN FRANKLIN

# New Coder Bootcamp Information

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**Who is most likely to complete a New Coder Bootcamp based on the data set retrieved from Github Free Code Camp?**

# Who participated?

More than 31,000 new coders responded to this survey. These are people who have been coding for less than 5 years.



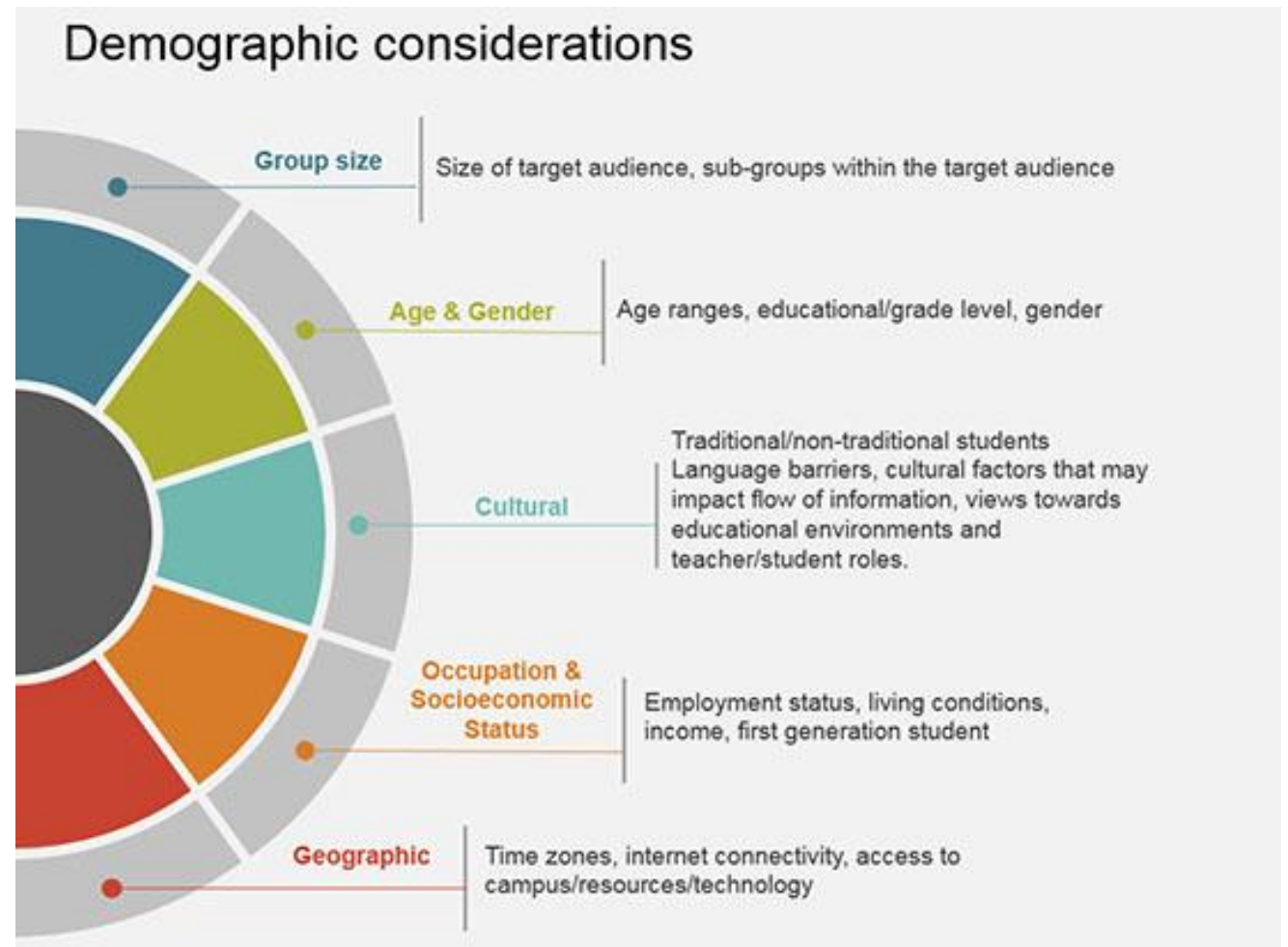
# Some of the Demographics included in the Survey

Here are some high level facts about them:

- 67% of them live outside the United States
- Their median age is about 30 years old
- 21% are women
- One quarter identifies as being part of an ethnic minority in their country
- 8% are military veterans

They've been coding for an average of 21 months

17% have already landed their first developer job







# Learner goals and approaches

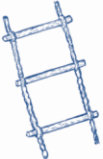
40% of them would like to either freelance or start their own business.

**How to Reach a Learning GOAL**

**Get clear:**   
✓ What's your goal?

**Orient yourself:**   
✓ Where are you now?  
✓ What do you need to learn?

**Aim high:**   
✓ What's your plan?

**Look to grow:**   
✓ How are you doing?

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# Learning Resources Used by the Courses

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Some of the resources that were used were:

freeCodeCamp

Stack Overflow

Codecademy

Udemy Mozilla Developer Network (MDN)

Khan Academy

Coursera



## Less than half attended In-Person-Coding –Related Events





# New Coder Bootcamp Information

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- Roberta Chandler used the Random Forest Model.
- Phil Klimkewicz Tried the XGBoost & Light GBM Model.
- Ayana tried the Logistics Regression & Decision Trees Model.
- Dominique Davis tried the SVM and KNN Models.



# New Coder Bootcamp Information

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Our Models used all the columns.

The reason all the columns were needed was there were so many variables.

The top ten most important features were months programming, money for learning, job preference, Jobs applied when finished. Hours learning we think based on the data points may be the length of the course, time the course takes and the