ABOUT US

Analytics Head Start (AHEAD) is the first known program dedicated to teaching data analytics to high school students. Our programs are offered in the United States and other countries.

- AHEADs board is composed of the Director of Data Analytics Engineering at Northeastern University, PhD research scholars, and individuals who have managed analytics programs for the City of Boston and Harvard University.

- Our curriculum is developed, tested and taught by distinguished scholars and leading practitioners. They bring expertise and dedication to both the classroom and their one-on-one discussions.

- We develop close partnerships with educational institutions globally.

We live in an increasingly data-driven world. Everyone needs a basic understanding of how this massive amount of data can be leveraged for strategic planning and decision making.
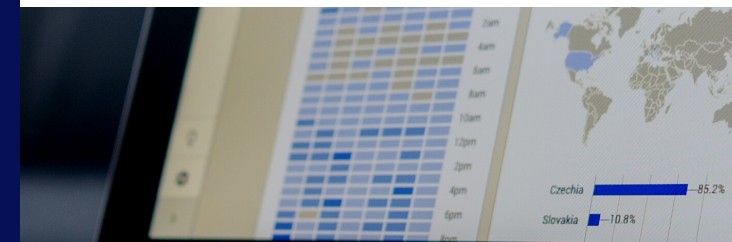
CONTACT US

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AHEAD
ANALYTICS HEAD START

Get AHEAD: Data Analytics

An enrichment program for young minds to take a deeper look into the exciting world of data mining and data visualization

2-Week Summer Program for High School Students

July 20 - 31, 2020
Mon-Fri 10:30am-4:00pm
Location: Remote Learning

August 3 - 14, 2020
Mon-Fri 8:30am-3:30pm
Location: Remote Learning

2-WEEK SUMMER PROGRAM

PROGRAM DESCRIPTION

Introduce data mining concepts and techniques for analyzing large data-sets for discovering knowledge and actionable information. Cover data analytics and visualization methods to understand, analyze, and solve problems in engineering, healthcare, business, arts, and music.

TOPICS COVERED

The topics covered in this course include data exploration, dimension reduction, data visualization, predictive performance evaluation, multiple linear regression, k-nearest neighbors, naïve Bayes classifier, logistic regression, and association rules.

SOFTWARES LEARNED

Students apply these methods to business and engineering applications using R and Tableau.

LEARNING OBJECTIVES

1. To learn concepts and methods of data analytics.

2. To learn to visualize and interpret data using Tableau software.

3. To apply the theory and concepts of data analytics to practical problems using R software.

4. To demonstrate the data analytics skills on real-world use cases.

STUDENT OUTCOMES

- Identify and create innovative data-driven solutions for real-world problems

- Develop analytical thinking in a digital age

- Enhance college admission competitiveness

WHAT STUDENTS ARE SAYING

"The topics of business analytics and machine learning seemed impenetrably complex to me at the offset of the program, but the way you translated the material into real life understandable examples made the material much more approachable and made for a very informative and enjoyable learning experience... The information you taught over the course of the program is something I will carry throughout my professional life."

SAKETH SARIPALLI (SUMMER 2018)

PROGRAM DETAILS

Cost: $500

Enroll Now!

Early Bird Pricing through February
Limited Spots Available

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