DATA ANALYTICS: INTRODUCTORY CURRICULUM

Learn foundational statistical concepts and analyze data using Microsoft Excel, MySQL & Tableau. This program is offered in a 13-week self-paced, online format, which combines online readings, videos and labs with weekly 1:1 instructor coaching sessions.

FLEXIBLE FORMAT
Level’s Introductory Data Analytics program is designed in a 13-week, self-paced format, but may take less time depending on your existing background. As a graduate in good standing, you can earn acceptance into Level’s Intermediate Data Analytics program and leverage your Double Husky discount, worth 25% off of tuition.

UNIT 1: STATISTICS & PROBABILITY THEORY WITH EXCEL
1.1 Introduction to data analytics and statistics
1.2 Introduction to Microsoft Excel
1.3 Descriptive statistics and graphical presentation
1.4 Introduction to inferential statistics
1.5 Distributions, variation, and range
1.6 Introduction to probability
1.7 Confidence intervals & distributions
1.8 Hypothesis testing
1.9 Linear regression

UNIT 2: INTRODUCTION: RELATIONAL DATABASES WITH MYSQL AND TABLEAU
2.1 Relational database, SQL working environment and MySQL workbench
2.2 Relational data modeling - entity-relationship modeling (ERM)
2.3 Essentials of MySQL queries and data problem solving
2.4 Introduction to Tableau: applications, architecture and working elements
2.5 Building data views and effective data manipulation

UNIT 3: XCASE

PROFESSIONAL DEVELOPMENT & CAREER ADVANCEMENT
Weekly 1:1 instructor coaching sessions
TA support and office hours
Career coaching sessions
Career action plan and elevator pitch workshops
Resume review and interview workshops
Industry events

COST: $4,495
DURATION: ~ 13 WEEKS
FORMAT: ONLINE

ASSESSMENTS: *XCASE AND FINAL EXAM
*An xCase requires you to take the knowledge you are learning in one of Level’s Data Analytics programs and apply it to a problem rooted in a real organization. xCases are introduced in the curriculum after you are engaged with the content through labs and exercises.

Please visit www.leveledu.com for more info.