HENRY HARVIN®

HENRY HARVIN® ANALYTICS ACADEMY

Certified SAS Business Analyst

(CSBA) Course

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ANALYTICS
ACADEMY

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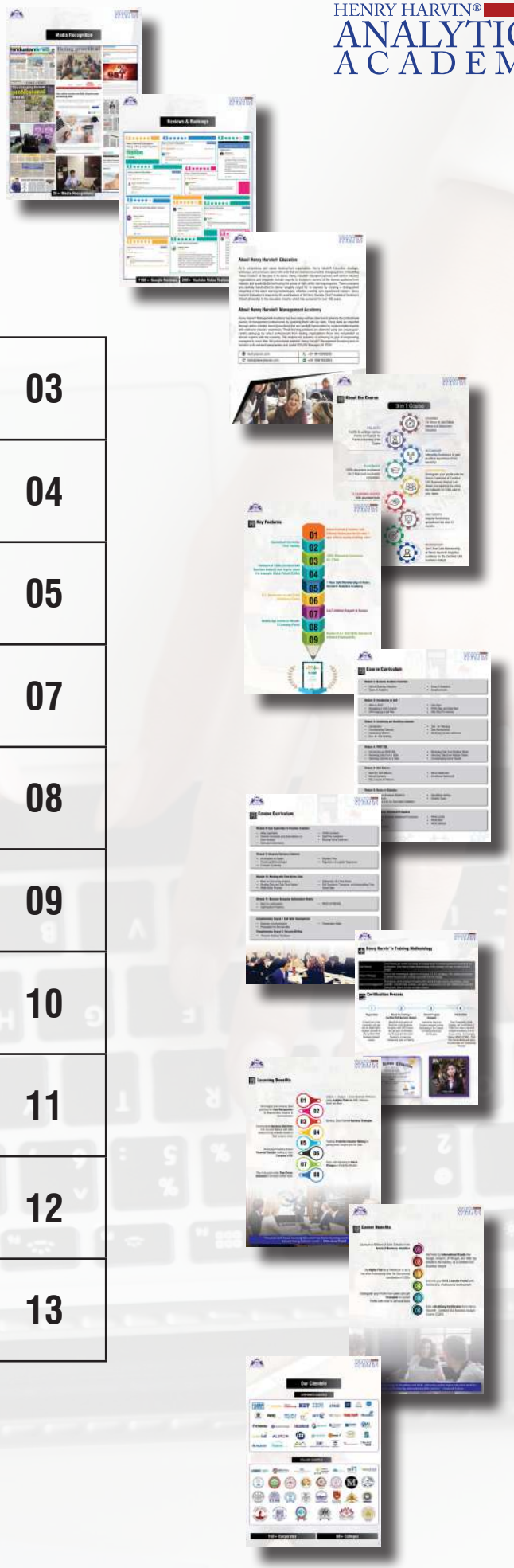

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About the Course

9 in 1 Course

TRAINING
24 Hours of Live Online Interactive Classroom Sessions

PROJECTS
Facility to undergo various Hands-on Projects for Practical learning of the Course

INTERNSHIP
Internship Assistance to gain practical experience of the learnings

PLACEMENT
100% placement assistance for 1-Year post successful completion

CERTIFICATION
Distinguish your profile with the Global Credential of Certified SAS Business Analyst and showcase expertise by using the Hallmark of CSBA next to your name

E-LEARNING ACCESS
With abundant tools and techniques, video content, assessments, and more

BOOTCAMPS
Regular Bootcamps spread over the next 12 months

HACKATHONS
Free Access to #AskHenry Hackathons and Competitions

MEMBERSHIP
Get 1-Year Gold Membership of Henry Harvin® Analytics Academy for the Certified SAS Business Analyst

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Key Features

01 Attend Unlimited Batches with Different Instructors for the next 1 year without paying anything extra

02 Guaranteed Internship Post Training

03 100% Placement Assistance for 1 Year

04 Hallmark of CSBA (Certified SAS Business Analyst) next to your name For example: Disha Pathak (CSBA)

05 1-Year Gold Membership of Henry Harvin® Analytics Academy

06 12+ Bootcamps as part of the #AskHenry Series

07 24x7 Lifetime Support & Access

08 Mobile App Access to Moodle E-Learning Portal

09 Access to 5+ Soft Skills Courses to enhance Employability

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Course Curriculum

Module 1: Business Analytics Overview

- Intro to Business Analytics
- Types of Analytics
- Areas of Analytics
- Analytical tools

Module 2: Introduction to SAS

- What is SAS?
- Navigating in SAS Console
- SAS language input files
- Data Step
- PROC Step and Data Step
- Data Step Processing

Module 3: Combining and Modifying datasets

- Introduction
- Concatenating Datasets
- Interleaving Method
- One -to- One Reading
- One - to- Merging
- Data Manipulation
- Modifying Variable Attributes

Module 4: PROC SQL

- Introduction to PROC SQL
- Retrieving Data from a Table
- Selecting Columns in a Table
- Retrieving Data from Multiple Tables
- Selecting Data from Multiple Tables
- Concatenating Query Results

Module 5: SAS Macros

- Need for SAS MAcros
- Macro functions
- SQL clauses for Macros
- Macro Statement
- Conditional Statement

Module 6: Basics of Statistics

- Introduction to Business Statistics
- Statistical Terms
- Procedures in SAS for Descriptive Statistics
- Hypothesis testing
- Variable Types

Module 7: Business Statistical Procedure

- Introduction to Business Statistical Procedures
- PROC Means
- PROC FREQ
- PROC UNIVARIATE
- PROC CORR
- PROC REG
- PROC ANOVA

Course Curriculum

Module 8: Data Exploration in Business Analytics

- Data preparation
- General comments and observations on Data cleaning
- Data type Conversions
- SCAN Functions
- DataTime Functions
- Missing Value Treatment

Module 9: Advanced Business Statistics

- Introduction to Cluster
- Clustering Methodologies
- K means Clustering
- Decision Tree
- Regression & Logistic Regression

Module 10: Working with Time Series Data

- Need for time series analysis
- Reading Data and Data Time Values
- White Noise Process
- Stationarity of a Time Series
- Plot Transform, Transpose, and Interpolating Time Series Data

Module 11: Business Designing Optimization Models

- Need for optimization
- Optimization Problems
- PROC OPTMODEL

Complimentary Course 1 Soft Skills Development

- Business Communication
- Preparation for the Interview
- Presentation Skills

Complimentary Course 2: Resume Writing

- Resume Building Technique

Henry Harvin®'s Training Methodology

Live Projects	Live Projects are carried out during the training tenure to develop experiential learning for the participants. This helps in better understanding of the concepts and gain in-depth practical insight.
Unique Pedagogy	Uses a mix of techniques aligned to our unique G.C.A.O. pedagogy. This enables participants to derive focused-action-oriented outcomes from the training
End-to-End Engagement	Participants will be engaged throughout the training through reverse presentations, group activities, brainstorming sessions, and hands-on experience over both statistical and non-statistical tools. Idea is to focus on value creation

Certification Process

1 Registration

Consult one of the counselors and get into the Right Batch. Register yourself for the Certified SAS Business Analyst Course

2 Attend the Training in Certified SAS Business Analyst

Attend the Instructor-Led Sessions of the Business Analytics with SAS Course and get your Certification. Go Through the Recorded Sessions, in case you missed any topic or training

3 Submit Projects Assigned

Submit the Hand-on Projects assigned during the training to the Trainers for Assessment and Certification

4 Get Certified

Post Completion of the training, get Certification in CSBA from Henry Harvin® Analytics Academy in front of your name. For Example Manas SINGH (CSBA). Post it on Social Media and apply for internship and Freelancing Projects

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Learning Benefits

01 Explore + Analyse + Solve Business Problems using **Analytics Tools** like SAS, Advance Excel and More

02 Get Insights from Industry Best practices for **Data Manipulation** & Measurement, Analysis & Summarization

03 Develop, Goal-Oriented **Business Strategies**

04 Communicate **Business Objectives** in a Focused Manner with Data Analyst & help evaluate results of Data analysis better

05 Facilitate **Predictive Decision Making** by getting better insights into the data

06 Understand Analytics Based **Financial Decision** making to drive **Company's ROI**

07 Helps with Adjusting to **Macro Changes** in Predictive Models

08 Take Actionable better **Data-Driven Decisions** to increase market share

"Practical skill-based learning that meets the future learning needs to shape the learners being Industry ready." - **Education World**

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Career Benefits

01 Exposure to Millions of Jobs Globally in the **Arena of Business Analytics**

02 Get Hired by **International Brands** like Google, Amazon, JP Morgan, and other top brands in the industry, as a Certified SAS Business Analyst

03 Be **Highly Paid** as a Freelancer or as a full-time Professional after the Successful completion of CSBA

04 Improve your **CV & LinkedIn Profile** with Technical & Professional development

05 Distinguish your Profile from peers and get **Promoted** in Current Profile with most in-demand Skills

06 Earn a **Gratifying Certification** from Henry Harvin® - Certified SAS Business Analyst Course (CSBA)

"Spreading knowledge in a range of disciplines and fields, delivering quality higher education at all levels, serving national needs, and furthering international public interest." - Financial Express

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Our Clientele

CORPORATE CLIENTELE

COLLEGE CLIENTELE

160+ Corporates | **60+ Colleges**

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Media Recognition

20+ Media Recognitions

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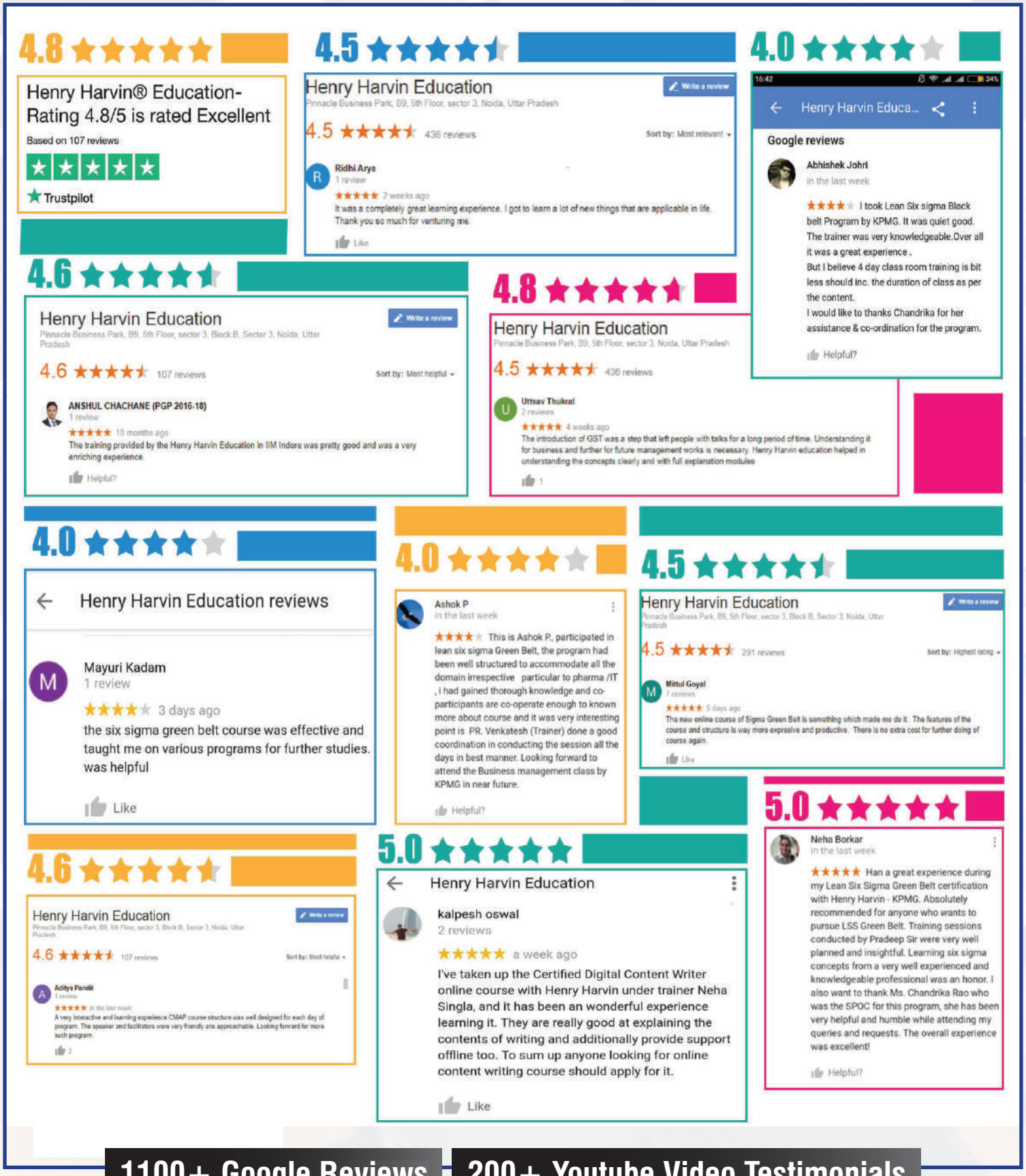
Reviews & Rankings



1100+ Google Reviews **200+ Youtube Video Testimonials**

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About Henry Harvin® Education

As a competency and career development organization, Henry Harvin® Education develops, enhances, and promotes select skill-sets that are deemed essential to changing times. Embedding 'Value Creation' at the core of its vision, Henry Harvin® Education partners with best in industry organizations and empanels domain experts to transform careers of the diverse audience from industry and academia by harnessing the power of skill centric training programs. These programs are carefully handcrafted to deliver tangible output for its learners by creating a distinguished biosphere of the latest learning technologies, effective content, and experienced trainers. Henry Harvin® Education is inspired by the contributions of Mr.Henry Dunster (First President of America's Oldest University) to the education industry which has sustained for over 400 years.

About Henry Harvin® Analytics Academy

Henry Harvin® Analytics Academy has been set up with an objective to advance the professional journey of Analytics professionals by upskilling them with key skills. These skills are imparted through action-oriented learning solutions that are carefully handcrafted by subject matter experts with extensive industry experience. These learning solutions are delivered using our unique goal-centric pedagogy by select professionals from leading organizations who are also empanelled as domain experts with the academy. This enables the academy in achieving its goal of empowering managers to reach their full professional potential. Henry Harvin® Analytics Academy aims to function in its outreach geographies and upskill 200,000 professionals till 2030!

henryharvin.com	+91 9015266266
hello@henryharvin.com	+91 9891953953