

TRANSFORMATIONAL. EFFICIENT. CUSTOMIZED TECH LEARNING.

FINDING A CONSULTATIVE TRAINING PARTNER TO DESIGN AND EXECUTE EFFECTIVE LEARNING STRATEGIES SHOULDN'T BE SO HARD.

Time

Project schedules no longer can support traditional 3 to 5 day courses.



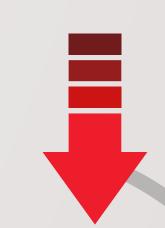
Results

With traditional ILT structures, 75% of the learners don't achieve the desired outcome.



Price

Most organizations over allocate licenses, hindering budget for other initiatives.



Utilization

Utilization rates are below 20% of the total licenses held.



Sea of Content

Most learners report
learning libraries provide
too much content with too
little direction.



Flexible and Customized
Training Solutions with
tailored scheduling,
modular training, blended
learning options, short
focused sessions, and
continuous support.



Outcome-Focused

We set clear learning objectives, focus on practical application, and regularly assess progress.
We track measurable outcomes to ensure every participant reaches their full potential.



Cost-Effective

Our ILT-focused
approach offers a costeffective way to enhance
your team's skills without
the ongoing expenses
associated with multiple
platform licenses.



Engaging ILT

Our programs address specific challenges, ensuring relevant learning and impactful outcomes for every learner.



Customized Experience

We tailor our training programs to meet the specific needs and goals of your organization, ensuring that every session is relevant and effective.



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Tell us about your project needs

We design a custom learning solution

Approve the custom, blended learning solution

We resource, build and manage We pilot the solution

05

We adjust and improve

06

PRACTITIONERS

Highly-vetted, Proven Instructor Bench

- 75 vetted resources and growing
- 310 ILT days of delivery capacity a month
- Direct interaction with the Practitioner throughout the program



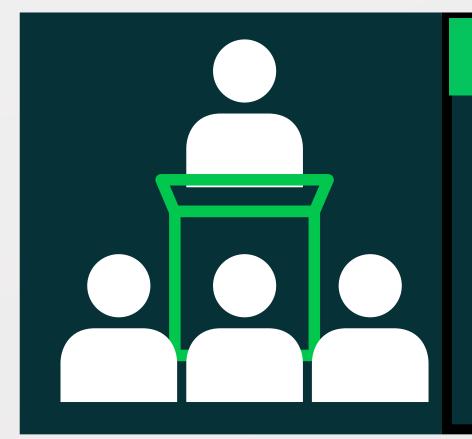
Areas of Expertise

Al/GenAl, Machine Learning, Data Science, Data Engineering, DevOps, Cloud, Front-End, Back-End, Full Stack Development, Cybersecurity, Agile and Mobile

Data Engineering

PROGRAM OVERVIEW

The Data Engineering for Developers customBILT program transitions existing software developers into skilled data engineers by mastering data modeling, ETL, warehousing, and real-time processing, reinforced by hands-on labs and projects.



Audience

Existing Python developers transitioning into Data Engineering.



Intended Outcome

Equip the learners with a comprehensive understanding and practical skills in various aspects of data engineering.



OVERVIEW OF DATA ENGINEERING; KEY RESPONSIBILITIES OF A DATA ENGINEER

PRINCIPLES OF DATA MODELING; NORMALIZATION AND DENORMALIZATION; DESIGNING SCHEMAS

ETL VS. ELT; DESIGNING ETL PIPELINES; BATCH AND STREAMING DATA



ADVANCED TOPICS

INTRODUCTION TO DATA WAREHOUSES; **CONCEPTS OF DATA MARTS, OLAP, AND OLTP**

SKILL

ASSESSMENT

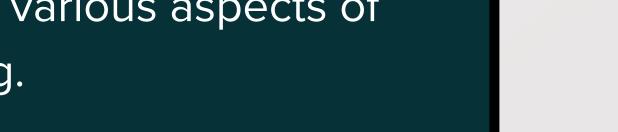
DIFFERENCE BETWEEN DATA LAKES AND DATA WAREHOUSES; INTRODUCTION TO BIG DATA

STREAMING DATA FUNDAMENTALS; KAFKA BASICS

FINAL

ASSESSMENT

PROGRESS CHECK



REAL-WORLD APPLICATION

INTRODUCTION TO WORKFLOW MANAGEMENT; **APACHE AIRFLOW BASICS**

OVERVIEW OF CLOUD PROVIDERS AND THEIR DATA SOLUTIONS (AWS, GCP, AZURE)

DATA GOVERNANCE FRAMEWORKS; DATA **QUALITY METRICS**

PROJECT BRIEFING AND TEAM FORMATION



SAMPLE LEARNING EXPERIENCE Week 4 Week 3 Week 1 Week 2 Procured Self-Paced Learning **Customized Assessment** Instructor-Led **Optional Office Hours Optional Q&A**