

Welcome to ExploreAl Academy

ExploreAl teaching philosophy

ExploreAl teaching philosophy

We offer transformative learning journeys.

It is not about the individual piece of content or assessment. Learning can be tough and uncomfortable, but it is supposed to **stretch and change you**.

We believe people "learn by doing".

Our content is built around **practical problem solving** and **real-world** portfolio project deliverables.

We don't just give the answers.

We teach students the **skills to find the answer** and solve the problem themselves.

ExploreAl teaching philosophy

We teach **skills** that are **relevant**.

The skills we teach are informed by the **latest trends and industry best** practices.

We work as part of a greater **community of data professionals** who bring valuable and relevant skills to the masses.

You will leave our Academy with **real-world exposure**, **practical knowledge**, enviable **problem-solving skills**, and the ability to distil the **purpose and value** of your work to many stakeholders.

We do everything...

in the context of solving real-world problems

Real impact

- Data science is about asking the right questions.
- Looking for solutions to problems that will make a difference.
- Impact is the biggest focus.

Messy process

- This is not going to be an easy process; we are here to test your resistance.
- You will need to be prepared to get into detail; 60% of data science is about data preparation.

Real insights

- There is no right answer.
- The goal is to improve our understanding of the problem enough to be able to offer insights.



We believe in...

NEED and VALUE above the mere use of TOOLS

Keep focused on the **purpose** and what **is important**.

Problem solving and **learning how to learn** will serve you throughout your career.

The tools and technologies are useful to decide **HOW something is done**, but **not WHY it is done**.



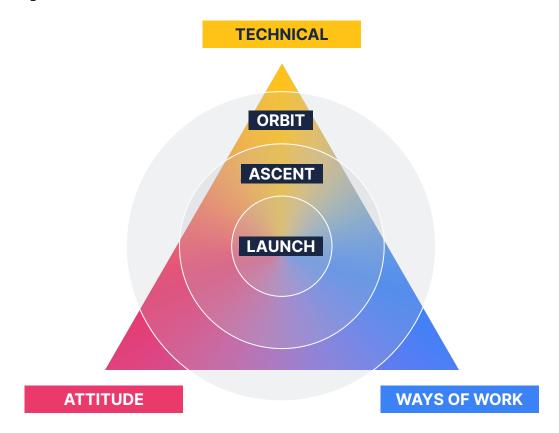
*The Spine model



Welcome to ExploreAl Academy

Core outcomes framework

Explorer dimensions



ORBIT

Complete mastery – no longer "fighting gravity" but using it in harmony with the forces to stay their course.

ASCENT

What we expect of EXPLORERS who will quickly ascend – rapidly develop themselves and those around them.

LAUNCH

The basic or minimum requirements we expect of students so they are able to launch into a career.

Core outcomes

ATTITUDE

ORBIT

PERFORMANCE

IMPACT

ADVENTURE

EMBODY

EXHIBIT

BALANCE

ASCENT

-AUNCH

VALUE

RESPOND

RECEIVE

Consistently inspires and rallies their team to execute multiple high-quality solutions that solve valuable problems.

Energetically balances and coordinates multiple delivery streams. Raises their hand to take ownership.
Shares learning with peers.

Delivers their part of a solution or project on time. Aware of project needs, participates, and volunteers. Shares learning with peers.

Attention and attitude focused on the client and the world outside of the team. Cares deeply and thinks about community.

Attention and attitude focused on the team and the company.
Harnesses diversity.
Helpful and generous.

Attention and attitude focused on self-improvement.

Blazes a new trail. Embraces uncertainty. Unwavering curiosity.

Experimental.

Takes calculated risks.

Curious.

Tries new things. Resourceful.

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Core outcomes

ORBIT

ASCENT

-AUNCH

WAYS OF WORK

AUTONOMOUS

EFFORTLESS

COORDINATE

INDEPENDENT

ALIGN

REPEAT

SELF

Complete self-ownership with the ability to effortlessly perform and deliver professional work.

Self-aware and takes initiative to deliver independent, integrated, and accurate work on time.

Understands and follows instructions to complete given tasks reliably and satisfactorily.

TEAM

Inspires the team, adapts to emerging needs, understands and articulates value.

Accountable to team outcomes, able to coordinate team effort and manage team flow.

Understands their role and responsibility, as well as impact on the team and its outcomes.

PROCESS

Able to run effective meetings that involve different stakeholders. Freely provides meaningful insights and feedback.

Proactively communicates emerging issues, work lag, and help needed. Provides clarity and support to the team.

Clearly reports on given tasks, asks questions to seek clarity and support.

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KNOW

Core outcomes

problem.

TECHNICAL **PROBLEM SOLVING TOOLS PRODUCTION** ORBIT **VALIDATE** Can discover a new tool, Creates real-world value. Identifies a problem and able quickly validate if it's the right Distils technical knowledge to translate it into an one for the job, and use it to into innovative practice and opportunity. serve a desired purpose. novel solutions. **CREATE ASCENT** Deploys working solutions **ANALYSE** Knows which tools in their Able to break a complex into production. Can transfer problem into its fundamental, technical knowledge through experience are best applied to solvable components. build the solution. well-organised reports, **APPLY** discussion, and presentation. -AUNCH **UNDERSTAND** Can describe and document Understands how performing Can implement a solution their part of the work what they have done through given the tools and guidance contributes to solving a succinct code, comments, to do so.

and user manuals.

Core outcomes

TECHNICAL	WAYS OF WORK	ATTITUDE		MEASURE	NURTURE	EMPOWER
VALIDATE	EFFORTLESS	EMBODY	ORBIT	Adding real-world value. Asks	Questions,	Meta-learning and self-ownership.
CREATE	AUTONOMOUS	EXHIBIT		questions outside the scope of the curriculum.	not guidance.	Apply that knowledge to something new.
ANALYSE	COORDINATE	BALANCE	ASCENT	Projects, coding challenges, case studies, reports, peer recognition.	Guidance , not answers.	Interactive training and projects. Experimentation. Leads meetings and discussions.
APPLY	INDEPENDENT	VALUE				
UNDERSTAND	ALIGN	RESPOND	LAUNCH	Knowledge tests and MCQs.	Provide answers, new tools, frameworks, and examples.	Videos, text, slides, and examples in notebooks, one-sided webinars and meetings.
KNOW	REPEAT	RECEIVE				

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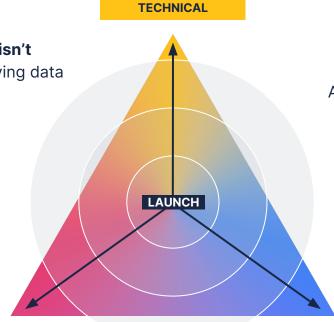
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What does mastery mean at ExploreAl?

Being a master data practitioner **isn't limited to being an expert** in solving data problems and being able to distil **technical** knowledge.

Mastery is also about:

inspiring others, embracing uncertainty, making an impact, being self-aware, taking ownership, and many other abilities.



As a result, our growth path should not only focus on technical skills. We should also aim at expanding our attitude and improving our ways of work.

ATTITUDE

WAYS OF WORK

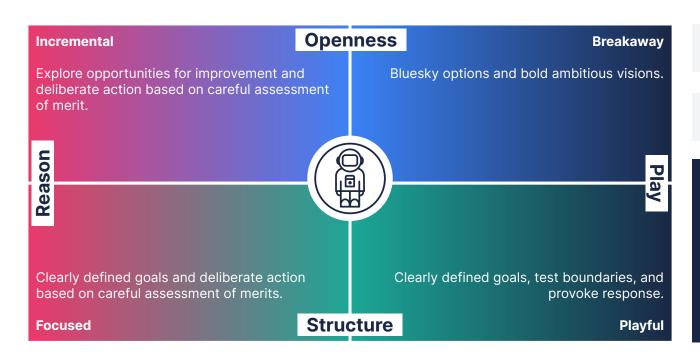


Welcome to ExploreAl Academy

Understand and take ownership of your learning

We believe...

it is crucial to engage and develop different ways of thinking



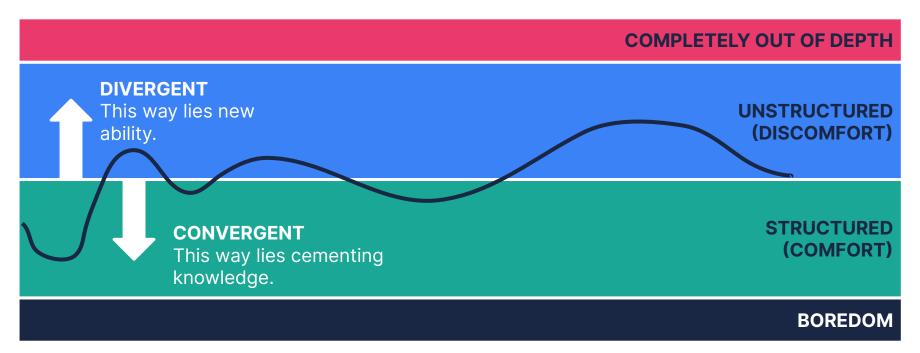
Some ways of thinking might come to you naturally.

Others will be uncomfortable.

Through discipline and self-awareness you can learn and expand your ability in the outcome dimensions.

We believe...

a learning journey is a balance of comfort and discomfort



However, not all journeys are the same

Your experience will depend on prior knowledge and experience, as well as the **people who share** the journey with you.

A facilitator, tutor, or a peer with prior experience can:

- Bring structure and comfort by providing answers.
- Induce further transcendence by asking questions.

However, this is your learning journey. The journey will only be what you put into it.

So, **ask hard questions**, **give good answers**, and **share** in the journey of others.

