




Corporate Bayesian Networks Training Course

Drive Team Excellence, Make Better Decisions Under Uncertainty, And Model Complex Relationships.



From Friction To Fluency




The Current Reality

-  Decision-making hindered by uncertainty.
-  Difficulty modeling complex variables.
-  Challenges in predicting outcomes and assessing risk.

The Turning Point

Bayesian Networks Training. A powerful probabilistic modeling tool designed to equip your team with the knowledge to solve real-world problems.

The Transformed State

-  Make better decisions under uncertainty.
-  Predict customer churn and assess fraud risk accurately.
-  Optimize decision-making across finance, healthcare, and manufacturing.

Five Dimensions Of Delivery



8 - 16 Hours



Instructor-Led
Group Training



Virtual · On-Site ·
Off-Site

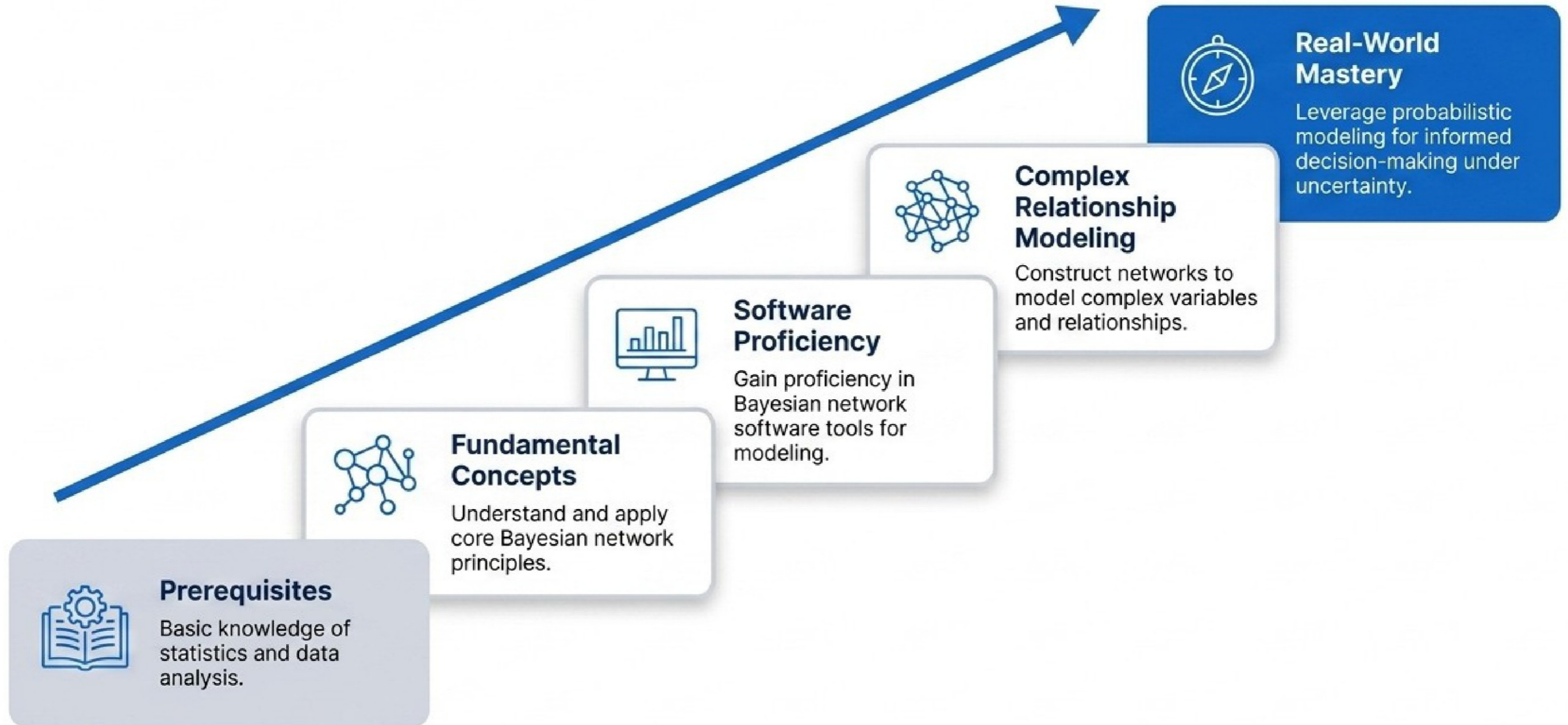


Delivery In 100+
Countries



Course
Completion
Certificate

Milestones To Mastery



Three-Phase Learning System



Phase 1: Foundations & Construction

Variables, Probability Foundations (Joint, Conditional, Marginal, Bayes Theorem), Adding Nodes & Links, Parameter Counters.

Phase 2: Inference & Data

Query Explorer, Prediction & Diagnostics, Inference with Data, Databases and Spreadsheets, Batch & Mesh Queries.

Phase 3: Advanced Learning & Analysis

Parameter Learning, Structural Learning Algorithms, Value of Information, Pattern Analysis, Dynamic Bayesian Networks.

Six Pillars Of Proficiency



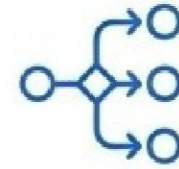
Bayesian Concepts

Updating beliefs based on new evidence.



Problem Solving

Identifying, analyzing, and resolving issues effectively.



Decision Making

Evaluating options and choosing optimal strategies.



Software Proficiency

Enhancing productivity with data analysis tools.



Relationship Modeling

Visualizing and analyzing connections between entities.



Data Analysis

Inspecting, cleansing, and modeling data.

Cross-Functional Impact



Data & Engineering

- Data Scientists
- Machine Learning Engineers
- Data Engineers
- AI Engineers



Analytics & Research

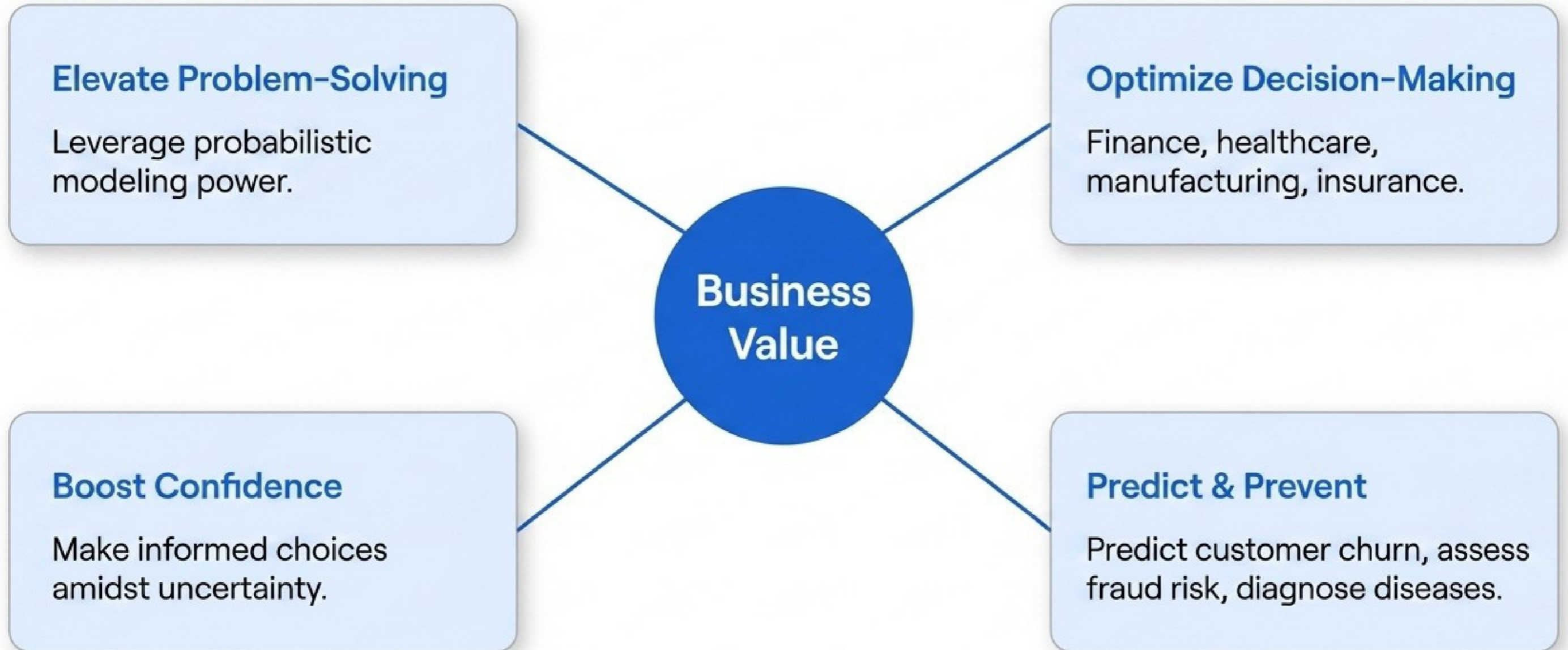
- Statisticians
- Data Analysts
- Quantitative Analysts
- Data Mining Specialists



Strategy & Risk

- Technical Project Managers
- Predictive Modelers
- Data Architects
- Risk Analysts

Strategic Business Outcomes



Moving Beyond Basics

Dynamic Networks & Time Series

- Temporal variables
- Temporal links
- Time series distributions
- Learning with missing data
- Online adaptation

Specialized Modules

- Anomaly Detection
- Latent Variables
- Segmentation/Clustering
- Mixture Models
- Noisy Nodes

Highly adaptable modules designed for senior teams requiring advanced probabilistic reasoning.

Scale Without Friction



100+
Countries

Delivery capability
across the globe.

10+
Languages

Including English, Español,
普通话, Deutsch, and more.

2,000+
Programs

Industry-ready corporate
training programs.

Scale your training from small teams to large enterprises seamlessly.

Delivery Formats Compared

Modality	Environment	Key Enterprise Benefit
Virtual Live Instructor-Led	Own space, no travel	Scales learning for large, distributed global groups.
On-Site Face-to-Face	In-house workplace	Tailored to workplace reality; high team collaboration.
Off-Site Face-to-Face	Dedicated external venue	Distraction-free focus; boosts morale and team bonding.

Tailored Trainee Licenses

Starter

- ✓ 120 licenses.
- ✓ 64 hours group training.

Tailored for SMBs.

✓ Most Popular

Growth

- ✓ 320 licenses.
- ✓ 160 hours group training.

Ideal for growing SMBs.

Enterprise

- ✓ 800 licenses.
- ✓ 400 hours group training.

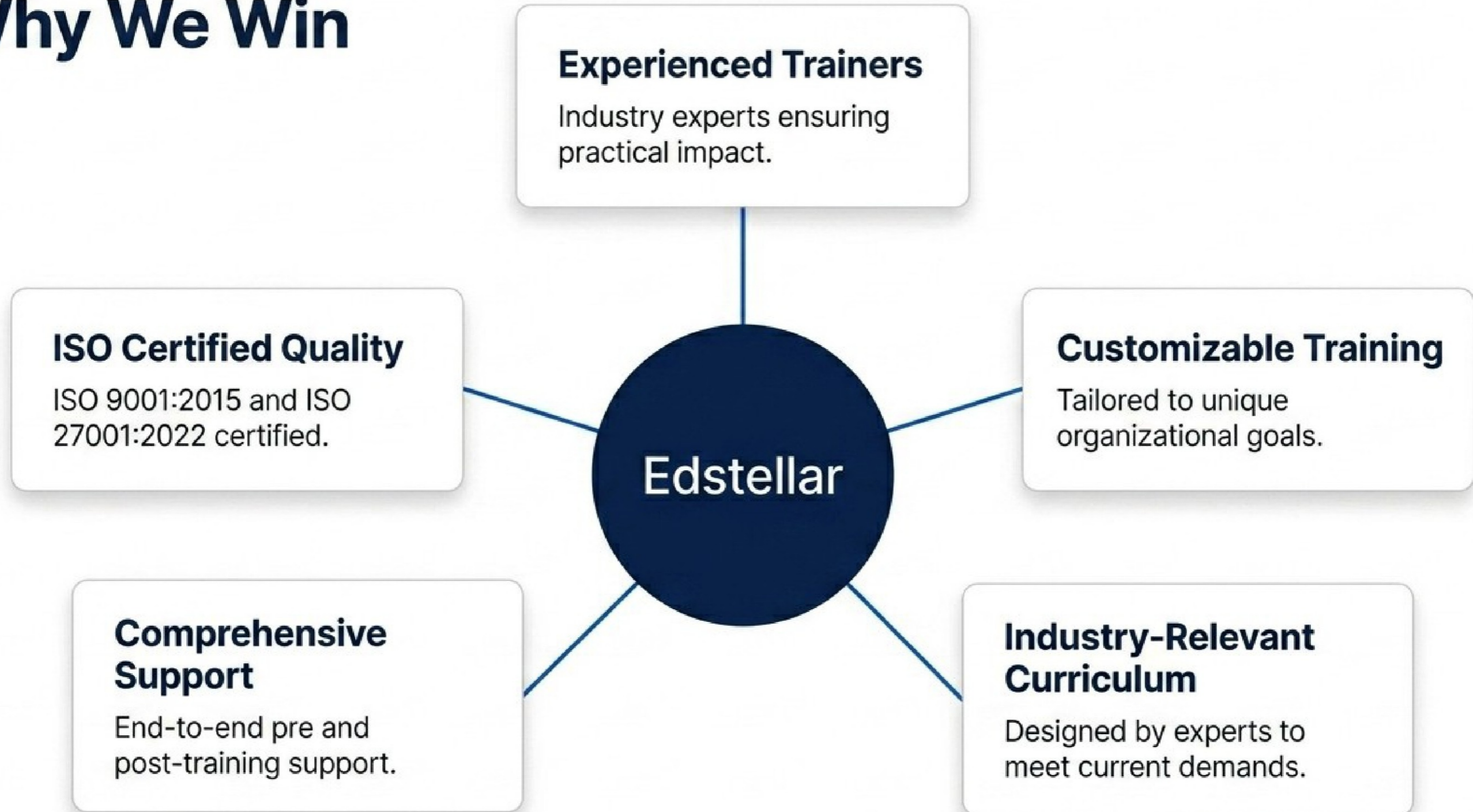
Designed for large corporations.

Custom

- ✓ Unlimited licenses.
- ✓ Unlimited duration.

Full scale corporate deployment.

Why We Win



Enterprise Success Stories



Our client satisfaction scores improved by 35% across all accounts, validating the immediate impact of this training program.

Guo Na

Quantitative Analyst, Network Security Firm.



Our team delivered record-breaking results in the subsequent quarter... productivity and solution quality have improved measurably.

Ilyas Samir

AI Researcher, Network Management Solutions.



The deep dive into inference algorithms gave me the confidence to tackle complex challenges... foundational to my continued success.

Karen Carpenter

Research Scientist, Enterprise Networking Platform.

Ready To Transform Your Probabilistic Modeling?

Partner with Edstellar to close the capability gap and build lasting analytical proficiency across your organization.

[**contact@edstellar.com**](mailto:contact@edstellar.com)