ALLDREAMS

VISION GEN AI

ANALYSIS • GENETICS • PERFORMANCE • INTELLIGENCE

by SPORTOTEAM

BIO-GEN

AI-Powered Sports Talent Identification & Sport Guidance Project

The right child, the right sport, the right time — backed by science.

INTRODUCTORY PRESENTATION FOR SPORTS CLUBS AND SCHOOLS

THE PROBLEM

Talent selection still relies largely on observation

1

Wrong sport choice

A child steered into a sport that does not suit their physical traits finds both success and commitment harder.

2

Early dropout

Repeated failure and loss of motivation can push a child away from sport altogether.

3

Subjective assessment

Selection is often based on momentary performance and observation; development potential is overlooked.

4

Untracked development

Without a baseline measurement, a child's progress cannot be followed objectively.

Early, accurate guidance shapes not only athletic success, but also long-term commitment, motivation and athlete health.

THE SOLUTION

What is ALLDREAMS Bio-Gen?

ALLDREAMS Bio-Gen is a **decision support system** that evaluates data from an individual's biometric characteristics with AI-supported analysis, creating a personal athletic potential profile.

Rather than judging a child on a single parameter, it builds a multi-dimensional model that combines **physical aptitude and muscle-type traits** with personality, motivation and preferred sporting environment.

1. **Biometric data**
   Measurable physiological data of the individual
2. **AI analysis**
   Data evaluated with multi-dimensional models
3. **Athletic potential profile**
   Personal report and development roadmap

SCOPE OF ANALYSIS

The athletic profile is assessed in eight areas

Explosive strength & power

Maximal force produced in a short time

Speed

Sprint and acceleration potential

Endurance

Capacity for sustained effort

Flexibility

Range of motion and stretching potential

Personality profile

Tendency to adapt to a sporting environment

Intrinsic & extrinsic motivation

What drives the child

Indoor / outdoor aptitude

Preferred training environment

Team / individual tendency

Assessed with independent scores

Dark cards · physical aptitude

Light cards · personality, motivation & environment

HOW IT WORKS

From measurement to a development roadmap

1

Biometric measurement

Measurable physiological data collected from the child

2

AI analysis

Data evaluated on a multi-dimensional model

3

Athletic potential profile

Personal scores across the eight areas

4

Individual report

Strengths, limitations and sport tendencies

5

Development roadmap

Training approach and periodic re-measurement

When measurements are repeated at set intervals, a child's development potential — not just current performance — becomes trackable.

OUR APPROACH

The aim is the right guidance, not a fixed answer

THE USUAL QUESTION

“Which sport should this child play?”

Looks for one fixed answer, reduces the child to a single parameter and overlooks development potential.

THE ALLDREAMS APPROACH

“Which athletic traits are this child’s strongest?”

A science-based decision support system that reveals the child’s strengths and supports the right choice of sport.

ALLDREAMS Bio-Gen is not a prophecy — it is a data layer that strengthens the coach’s and teacher’s decision.

THE OUTPUT

The report goes beyond a sport recommendation

Building on strengths

The child's standout athletic traits are identified, with a plan for how to strengthen them.

Anticipating limitations

Areas to develop are spotted early, and the training plan is shaped accordingly.

Motivation-matched training

Training and communication are built around the child's intrinsic and extrinsic motivation.

Planned development

Athletic development becomes a roadmap, tracked through periodic re-measurement.

The data becomes a personalised athlete development roadmap that can follow the child for years.

BENEFITS

What it offers sports clubs and schools

Large-scale screening

Many students or athlete candidates assessed in a single organised event.

Objective talent selection

Youth selection backed by measurable data alongside observation.

The right position

Candidates guided to sports and positions that suit their strengths.

Long-term commitment

Fewer mismatched placements mean lower risk of early dropout.

Science-based parent feedback

Families receive a concrete, clear, data-driven assessment.

Periodic progress tracking

Re-measurement makes the institution's development performance visible.

A ready infrastructure for large-scale screening in schools, sports clubs, academies, municipalities, federations and youth development programmes.

ROADMAP

From biometric analysis to holistic athlete assessment

In the next phase, ALLDREAMS Bio-Gen analysis is planned to be combined with:

- Athletic performance tests
- Posture and foot-strike analysis
- Agility and sprint tests
- Genetic analyses
- Orthopaedic assessment
- Strength and asymmetry measurements
- Nutrition assessment

Questions the system aims to answer

"Which physical traits are strongest?"

"Which traits need to be developed?"

"Which sports or positions suit them best?"

"Which areas should be tracked over time?"

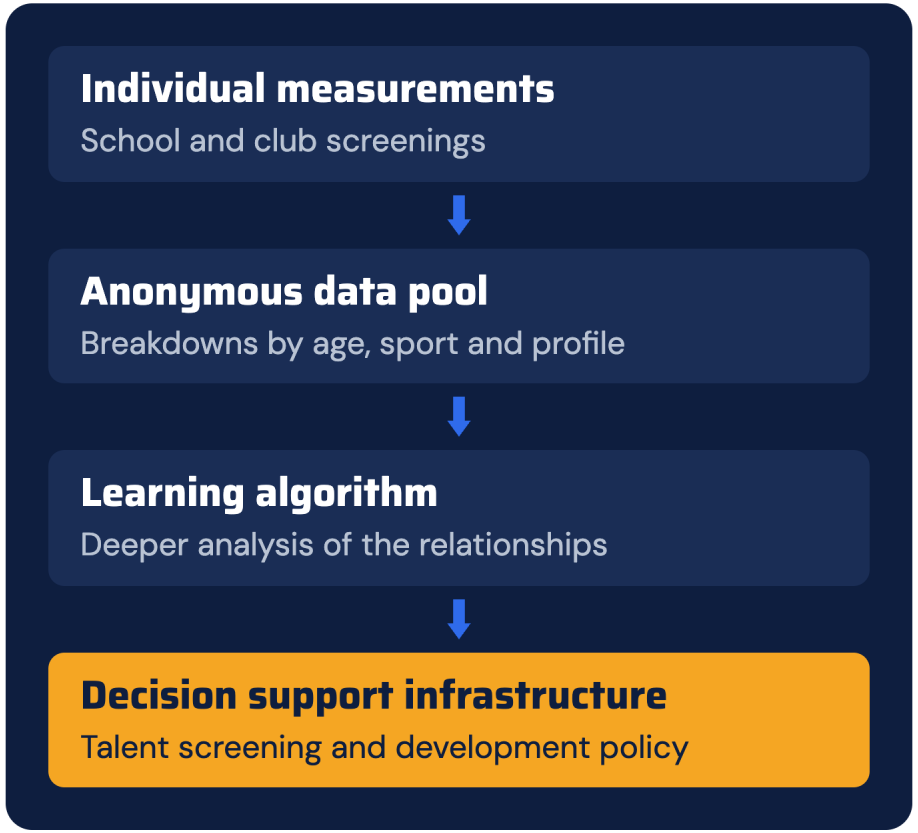
LONG-TERM GOAL

An AI-powered data pool

Data from different age groups and sports is anonymised and gathered into a large athletic performance and talent data pool.

As the data grows, the algorithms can analyse the links between age, sex, physical traits, biometric profile, performance tests and athletic development in more detail.

> *Over time, the system can grow from an individual analysis model into a decision support infrastructure for national talent screening and athlete development policy.*



IMPLEMENTATION

How it works in a club or school

01

Screening event

Participants' biometric data is collected on a planned measurement day at the school or club.

02

Individual reports

Each participant receives a report with an eight-area potential profile and development advice.

03

Guidance & planning

Results are reviewed with coaches and teachers; sport guidance and training approach are planned.

04

Periodic re-measurement

Repeated measurements at set intervals track physical and athletic progress objectively.

Scope, number of participants and measurement schedule are planned together, based on each institution's facilities.

GOALS

Core goals of the project

1. Identify athletic potential at an early age
2. Guide each child to the right sport
3. Support talent selection with objective data
4. Reduce placement into unsuitable sports
5. Prevent early dropout from sport
6. Build a sustainable athlete development model

The goal: spot talented athletes before they are lost in the system, and build a science-based athlete development ecosystem.

IN CONCLUSION

Our core aim is not simply to tell a child “which sport they can play”;

it is to understand their athletic potential, reveal their strengths and create a personalised development roadmap that can be followed for years.

More children matched early with the sport that suits them, talented athletes identified before they are lost in the system, and a sustainable, science-based athlete development ecosystem.

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