

YOUR PRISM MAP

# You think in **systems**, and you like to **solve**.

A snapshot of how Sample reasons, what draws them in, and where those patterns overlap. Written to guide subject and project choices, not to box them in.

READ WITH CONFIDENCE - CLEAR, WELL-SUPPORTED PROFILE

**SHARPEST STRENGTHS**

## Numerical & Abstract

Your clearest strengths to build on right now.

**INTEREST CODE**

## IC

Investigative, Conventional. Strongest pull toward analytical and organised work.

**WORK STYLE**

## In a small team

Does their best work in a small, focused team.

WHERE IT ALL POINTS

**Interest code IC.** Sample's top interests (Investigative, Conventional) point to the kinds of problems they enjoy. Strong current directions to explore: **Applied Mathematics and Computing, Software Engineering, Genetics and Genomics, Mathematics and Statistics.**

**READ FOR**

Mathematics, Sciences, Computer Science, English (not Arts & Design, Business & Economics)

# Reasoning & aptitude

Shown as bands, not exact marks. Reasoning is the one timed section. These reflect how Sample works things out, never school knowledge.

**Numerical reasoning**



**STRONG**

**Abstract / logical**



**STRONG**

**Verbal reasoning**



**TYPICAL**

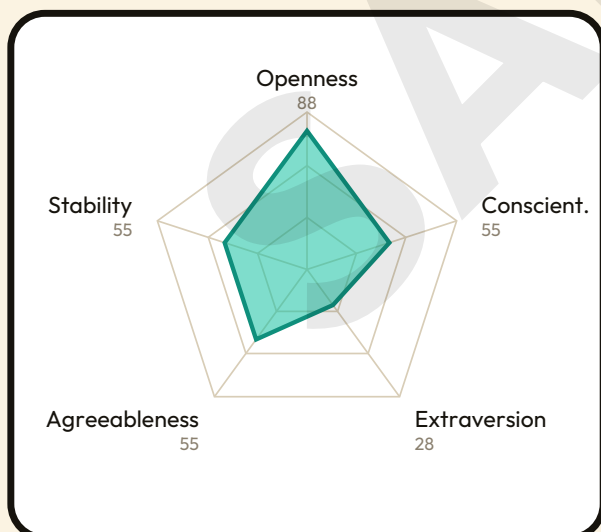
**Spatial reasoning**



**TYPICAL**

**Numerical & Abstract reasoning stand out.** Sample's numerical and abstract reasoning come through most clearly. The others round out a strong, balanced profile they can keep building with practice.

# Personality - the Big Five



**Openness** is high. Curious, comfortable with new ideas, and drawn to exploratory, open-ended work.

**Conscientiousness** is steady. Generally organised, with room to tighten routines under pressure.

**Extraversion** leans reflective. Does deep work best with focus and in smaller groups.

**Agreeableness** is balanced. Cooperative while able to hold a position when it matters.

**Emotional stability** is in the typical range. Steady routines and a little planning will help most during busier weeks.

## WHAT THIS MEANS AT SCHOOL

A creative, curious mind. It suits subjects and projects that reward both clear thinking and seeing work through to a finished result.

# What the profile reveals

## YOUR PROFILE

CONFIDENCE: HIGH

### The Systems Analyst

Sample pairs analytical with hands-on building. Taken together, these point toward fields where those strengths meet. A clear, well-supported read. Sample answered steadily and consistently through the sitting, so you can lean on the main themes with confidence.

## YOUR OWN GOAL, READ AGAINST THE MAP

Sample wrote about their own goal: "i want to build things that people actually use". The map does not judge the goal; it shows what to build first. The strongest subject evidence right now is Mathematics, a solid base to carry toward it.

## WHAT THE EVIDENCE AGREES ON

Different parts of the test point the same way here, so these are the reads you can trust most.

analytical / problem-solving

hands-on building / making

creative / expressive

## WORTH A CONVERSATION

### Interest is ahead of confidence in Computer Science

Sample enjoys Computer Science more than their confidence currently reflects.

**Try this.** Protect this one: build small, visible wins in Computer Science this term, because this is a subject already on the timetable and confidence is what is lagging.

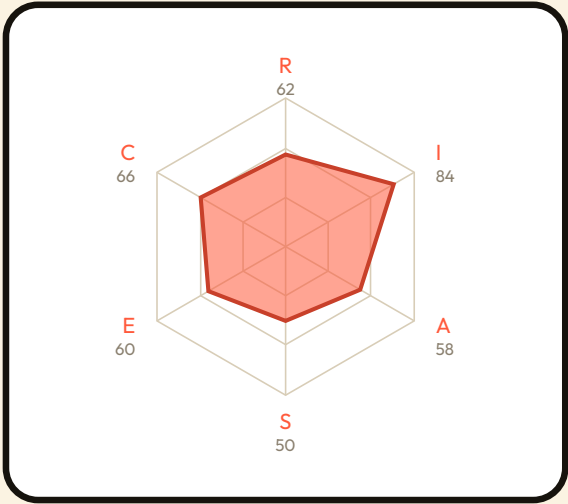
## WHAT SAMPLE WANTS FROM WORK

Becoming skilled

Becoming skilled matter most to Sample. The directions above fit those well.

# Interests & subjects

**Code IC.** The fit map reads each subject on three signals together, how much they enjoy it, how confident they feel, and how it fits their interests. Together, those three point to one clear next move.



RELATIVE INTEREST (0-100)  
R REALISTIC · I INVESTIGATIVE · A ARTISTIC  
S SOCIAL · E ENTERPRISING · C CONVENTIONAL

|                      |                 |                      |               |
|----------------------|-----------------|----------------------|---------------|
| Mathematics          | ENJOY<br>●●●●●  | CONFIDENCE<br>●●●●○  | LEAN IN       |
| Sciences             | ENJOY<br>●●●●○  | CONFIDENCE<br>●●●●○  | LEAN IN       |
| English & Languages  | ENJOY<br>●●●○○  | CONFIDENCE<br>●●●○○  | STEADY        |
| Computer Science     | ENJOY<br>●●●●●  | CONFIDENCE<br>●●●○○  | NEEDS SUPPORT |
| Business & Economics | APPEAL<br>●●●○○ | NOT ON THE TIMETABLE | NOT STUDIED   |
| Arts & Design        | APPEAL<br>●●○○○ | NOT ON THE TIMETABLE | NOT STUDIED   |

YOUR SUBJECTS, READ HONESTLY

LEAN IN

MathematicsSciences

STEADY

English & Languages

NEEDS SUPPORT

Computer Science

NOT STUDIED: BUSINESS & ECONOMICS · ARTS & DESIGN · READ THESE ON THE DOORS PAGE, NOT AS SUBJECTS TO ADD

# Directions worth a look

7 directions, ranked by how closely each one matches what Sample is drawn to, then by the rest of the profile. Some of them need a subject they do not currently study, which is named on the row rather than hidden. These are fields to explore, not job titles to pick.

## Applied Mathematics and Computing BTech Mathematics and Computing

Quantitative Analyst · Operations Research Analyst  
COMPUTING AND DATA

INTEREST

Excellent

PROFILE

Strong match

SUBJECTS

Well set

## Software Engineering BTech Computer Science and Engineering

Software Engineer · Backend Developer  
COMPUTING AND DATA

INTEREST

Excellent

PROFILE

Strong match

SUBJECTS

Well set

## Genetics and Genomics

BSc (Hons) Genetics / BS-MS Biological Sciences (IISER)

Genomics Laboratory Scientist · Genetics Research Assistant

Fit, but gated: Biology is the usual way in

INTEREST

Excellent

PROFILE

Strong match

SUBJECTS

Gated

## Mathematics and Statistics

BSc (Hons) Mathematics

Statistician · Data Analyst

SCIENCE AND ENVIRONMENT

INTEREST

Excellent

PROFILE

Strong match

SUBJECTS

Well set

## Bioinformatics

BSc Bioinformatics / BTech Bioinformatics

Bioinformatics Analyst · Genomics Data Analyst

Fit, but gated: Biology is the usual way in

INTEREST

Excellent

PROFILE

Strong match

SUBJECTS

Gated

## Biostatistics and Epidemiology

BSc Statistics / BStat (Indian Statistical Institute)

Biostatistician · Clinical Data Analyst

HEALTH AND MEDICINE

INTEREST

Excellent

PROFILE

Strong match

SUBJECTS

Well set

## Security and Intelligence Studies

BA International Relations

Intelligence Analyst · Security Risk Analyst

DEFENCE AND AVIATION

INTEREST

Excellent

PROFILE

Strong match

SUBJECTS

Well set

### HOW TO READ THIS PAGE

The bold line under each field is **what you would study** to get there, with the jobs it leads to underneath. **Interest** is how closely the work matches what Sample is drawn to. **Profile** adds measured reasoning, personality and what they want from work. **Subjects** is the practical one: whether the current subjects open the standard route. A gated row is not a closed door, it names the key.

# Doors, honestly

The subjects already on the timetable carry most of the directions on the previous page. Some need a subject that is not on it, and there are usually routes in through a foundation year or a related degree, so this is worth a conversation rather than a closed door.

READ AGAINST THE SUBJECTS YOU TOLD US: **PCM**

WHAT THE CURRENT SET CARRIES

|                                   |                                                      |
|-----------------------------------|------------------------------------------------------|
| Applied Mathematics and Computing | CARRIED BY MATHEMATICS · COMPUTER SCIENCE            |
| Software Engineering              | CARRIED BY MATHEMATICS · COMPUTER SCIENCE            |
| Mathematics and Statistics        | CARRIED BY MATHEMATICS · COMPUTER SCIENCE            |
| Biostatistics and Epidemiology    | CARRIED BY MATHEMATICS · SCIENCES · COMPUTER SCIENCE |
| Security and Intelligence Studies | CARRIED BY ENGLISH · COMPUTER SCIENCE · MATHEMATICS  |
| Genetics and Genomics             | NEEDS BIOLOGY                                        |
| Bioinformatics                    | NEEDS BIOLOGY                                        |

WHERE SAMPLE IS RIGHT NOW: WEIGHING A FEW DIRECTIONS

A few directions are already in play. What helps most now is testing them against real work rather than adding more options.

WHAT SAMPLE WANTS FROM WORK

Across the sitting, mastery mattered most to Sample. A direction that clashes with the top one tends to wear thin however well it fits on paper.

Mastery

# The route into each one

The school subjects, how admission is decided in India, how long the course runs and what comes after it. Admission rules change, so check the institution's own site for the year Sample will apply in.

## Applied Mathematics and Computing

BTECH MATHEMATICS AND COMPUTING

Maths is compulsory and usually at the highest level offered; the BTech route through JEE Main requires Physics as well, while a BSc in Mathematics and Computer Science is open to any stream that took Maths, and a masters is common for quantitative finance.

## Software Engineering

BTECH COMPUTER SCIENCE AND ENGINEERING

Almost every BTech in Computer Science requires Maths and Physics at Class 12 and admits through JEE Main or a private university test, while the three year BCA is open to any stream, and after either it is internships and built projects, not a masters, that get the first job.

## Genetics and Genomics

BSC (HONS) GENETICS / BS-MS BIOLOGICAL SCIENCES (IISER)

Biology and Chemistry at school, then the three or four year BSc admitted on a CUET score or a college list, or the five year BS-MS at an IISER through its own aptitude test, with hospital genetics laboratories, IVF units and sequencing companies hiring at bachelors.

## Mathematics and Statistics

BSC (HONS) MATHEMATICS

Higher level Maths is the only hard gate; the BStat and BMath at the Indian Statistical Institute have their own entrance test and are the strongest route, while an ordinary BSc is employable and adds a masters later.

## Bioinformatics

BSC BIOINFORMATICS / BTECH BIOINFORMATICS

Biology and Chemistry at school lead into a three year BSc admitted on CUET or Class 12 marks, the coding is taught from scratch so school computing only helps, and genomics laboratories and pharmaceutical data teams hire graduates while research posts expect a masters.

## Biostatistics and Epidemiology

BSC STATISTICS / BSTAT (INDIAN STATISTICAL INSTITUTE)

Mathematics is the requirement and Biology helps; you read Statistics, or the BStat at the Indian Statistical Institute if you can clear its own entrance, and the biostatistics specialism itself is normally a masters.

## Security and Intelligence Studies

BA INTERNATIONAL RELATIONS

Strong essay subjects are enough to get in, and after the degree the analyst routes run through competitive examinations, the UPSC civil services for the police and revenue services and the Intelligence Bureau assistant central intelligence officer paper for the agencies.

### WHAT THIS PAGE IS NOT

A route is not a ranking. The only way to find out which suits Sample is to try the work: a week of the subject, a conversation with someone doing the job.

# Strengths & the road ahead

## Steady

Follow-through

## Building

Self-belief

## In a small team

How you work

## Strong

Future-ready

Sample does their best work in a small, focused team where ideas get both shaped and seen through to a finish. Follow-through is still building; one small finished piece a fortnight grows it faster than any amount of planning.

### FUTURE-READY SKILLS

#### Analytical thinking



STRONG

#### Creativity & originality



STRONG

#### AI & technology fluency



STRONG

#### Collaboration



EMERGING

#### Resilience & adaptability



GROWING

Growth mindset reads best as a belief worth reinforcing. Praising progress and strategy, not being clever, keeps it growing. It is a belief to build, not a fixed trait.

### YOUR 90-DAY MAP

- 1• Go deeper.** Pick one strongest-fit subject (Mathematics) and build real evidence this term.
- 2• Ship one project.** Make one small, finished piece you can show: a build or prototype.
- 3• Close a gap.** Choose one challenge just above your comfort level and finish it.
- 4• Talk to one person.** Speak to someone working in Applied Mathematics and Computing and note what sounds energising.
- 5• Set a 90-day goal.** Pick one goal, use your follow-through to see it through, then review what felt true.

### QUESTIONS TO SIT WITH

- Which result felt most 'true' to you, and why?
- Where do your interests and your strongest subjects overlap?
- You asked for help exploring careers. Which two of the directions above will you look into first?

#### READ THIS MAP GENTLY

A starting point for conversation, not a verdict. Scores are bands, not exact marks. Strengths grow with support, practice and time. Revisit after one term. PRISM

## Your next step - talk it through

Read it through with them, then pick one thing from the 90-day map to start this term.

www.ai-abled.in  
+91-9871043709