

Deduction Mysteries

CASE 01

A member roster was taken from the equipment shed of Northgate Athletic Club during the overnight window between 02:00 and 05:30. The operation required specific qualifications, access, and timing. 7 suspects are under investigation: Ramona (team captain), Cosima (star player), Cedric (assistant coach), Dario (athletic trainer), Anand (equipment manager), Ulla (facilities manager), Quentin (team statistician). Several have strong-looking motives.

Q Who took the member roster?

1. The theft involved a foam replica skillfully painted with restoration-grade spray paint.
2. Ulla has a verified relationship with the donor and familiarity with the security routing – initial suspicion was high.
3. However: Ulla is cleared – but their facility badge was revoked the day before – confirmed in the security audit.
4. Four independent requirements: advanced restoration training, a verified relationship with the donor, presence between 02:00 and 05:30, and familiarity with the security routing.
5. Quentin filed a grievance two weeks ago – appears to have motive.
6. Dario's time-clock record shows them off-site the entire window.
7. Anand lacks advanced restoration training – confirmed by personnel records.
8. Ramona claims to have exited the building at 23:05 – the official badge log confirms this.
9. Cosima has only a verified relationship with the donor of the four requirements.
- 10 But: however the unsecured service entrance doesn't require a badge to re-enter.
- 11 Ramona has all four requirements: advanced restoration training, a verified relationship with the donor, familiarity with the security routing, and meets the temporal requirement (presence between 02:00 and 05:30).
- 12 ~~However: Cedric is cleared – but their facility badge was revoked the day before – confirmed in the security audit.~~

CASE 02

The board minutes were taken from the CEO office of Meridian Capital during the overnight window between 00:30 and 04:45. The operation required specific qualifications, access, and timing. 7 suspects are under investigation: Kasimir (HR director), Tomas (IT administrator), Saoirse (facilities coordinator), Bayan (executive assistant), Iolanthe (senior engineer), Diallo (legal counsel), Tariq (CFO). Several have strong-looking motives.

Q Who took the board minutes?

1. Diallo has a master key issued only to senior staff and administrator credentials and knowledge of the seal serial pattern – initial suspicion was high.
2. Kasimir has a master key issued only to senior staff and administrator credentials – initial suspicion was high.
3. Saoirse clashed publicly with management – appears to have motive.
4. However: Saoirse is cleared – but they were on a documented overnight flight, verified by airline records.
5. Four independent requirements: a master key issued only to senior staff, administrator credentials, presence between 00:30 and 04:45, and knowledge of the seal serial pattern.
6. Tomas lacks administrator credentials – security audit confirms.
7. However: Kasimir is cleared – but their admin credentials was revoked the day before – confirmed in the security audit.
8. Iolanthe their video call ended at 23:25 according to the system.
9. Saoirse has knowledge of the seal serial pattern and a master key issued only to senior staff and administrator credentials – initial suspicion was high.
- 10 Tariq's VPN session log shows them off-site the entire window.

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CASE 03

A donor list was taken from the special collections room of Helix Reading Room during the overnight window between 02:00 and 05:45. The operation required specific qualifications, access, and timing. 7 suspects are under investigation: Leander (reference librarian), Nizar (head librarian), Cyrus (volunteer), Juno (visiting scholar), Ramona (archivist), Damaris (cataloger), Ishaan (research assistant). Several have strong-looking motives.

Q Who took the donor list?

1. Damaris has all four requirements: advanced restoration training, a verified relationship with the donor, authorization to handle the item, and meets the temporal requirement (presence between 02:00 and 05:45).
2. Juno has advanced restoration training and authorization to handle the item – initial suspicion was high.
3. Nizar had financial pressure – appears to have motive.
4. Four independent requirements: advanced restoration training, a verified relationship with the donor, presence between 02:00 and 05:45, and authorization to handle the item.
5. However: Nizar is cleared – but they were on a documented overnight flight, verified by airline records.
6. Damaris their video call ended at 22:45 according to the system.
7. Ramona has advanced restoration training and authorization to handle the item and a verified relationship with the donor – initial suspicion was high.
8. However: Ramona is cleared – but they were on a documented overnight flight, verified by airline records.
9. However: Juno is cleared – but they were on a documented overnight flight, verified by airline records.

CASE 04

The rehearsal recordings were taken from the prop storage of Argent Theatre during the overnight window between 02:00 and 06:00. The operation required specific qualifications, access, and timing. 8 suspects are under investigation: Aiko (stage manager), Saoirse (box-office manager), Etienne (lighting tech), Joren (costume designer), Xanthe (lead actor), Eira (understudy), Kiran (stagehand), Olive (director). Several have strong-looking motives.

Q Who took the rehearsal recordings?

1. Xanthe has possession of the specific tool used and documented hands-on history with the item – initial suspicion was high.
2. Olive lacks clearance to the restricted archive – confirmed by personnel records.
3. But: however the unsecured pedestrian door doesn't require a badge to re-enter.
4. However: Eira is cleared – but their director's key was revoked the day before – confirmed in the security audit.
5. Kiran filed a grievance two weeks ago – appears to have motive.
6. Initial assumption pointed to Saoirse because of being seen near the building, but this has been independently ruled out.
7. Xanthe clashed publicly with management – appears to have motive.
8. Etienne has only clearance to the restricted archive of the four requirements.
9. However: Xanthe is cleared – but two independent witnesses confirm a video call with them throughout the window.
- 10 Joren their video call ended at 23:10 according to the system.
- 11 Aiko's props inventory log shows them off-site the entire window.
- 12 The theft involved a seal cut with a serial pattern from a specific supply.

Deduction Mysteries

CASE 05

An encrypted hard drive was taken from the conference room B of Helix Corporation during the overnight window between 00:00 and 04:30. The operation required specific qualifications, access, and timing. 8 suspects are under investigation: Rosalind (IT administrator), Hadley (security officer), Arjun (HR director), Wren (facilities coordinator), Cassia (intern), Eira (records clerk), Nadia (senior engineer), Leila (executive assistant). Several have strong-looking motives.

Q Who took the encrypted hard drive?

1. The corporate theft involved a hand-machined tool stocked in only one closet.
2. Initial assumption pointed to Wren because of being seen near the building, but this has been independently ruled out.
3. Eira was officially signed out at 23:40 via the front-desk register.
4. Rosalind filed a grievance two weeks ago – appears to have motive.
5. The trace at the scene (a hand-machined tool stocked in only one closet) ties directly to inventory or systems uniquely accessible to Eira.
6. Arjun was passed over for a recent promotion – appears to have motive.
7. However: Arjun is cleared – but witness account places them at the hospital with a family emergency during the entire window.
8. Cassia's elevator log shows them off-site the entire window.
9. Leila has administrator credentials and knowledge of the seal serial pattern and clearance to the restricted archive – initial suspicion was high.
- 10 Nadia has only knowledge of the seal serial pattern of the four requirements.
- 11 Four independent requirements: clearance to the restricted archive, administrator credentials, presence between 00:00 and 04:30, and knowledge of the seal serial pattern.
- 12 ~~Leila clashed publicly with management – appears to have motive.~~

CASE 06

A signed binary release was extracted from the DevOps room of Brightline Software during the overnight window between 01:00 and 04:15. The operation required specific qualifications, access, and timing. 7 suspects are under investigation: Phaedra (security analyst), Yvonne (site-reliability engineer), Omari (CTO), Simeon (data scientist), Mateo (contractor), Joren (intern), Roksana (support lead). Several have strong-looking motives.

Q Who extracted the signed binary release?

1. Simeon has only specialized engineering certification of the four requirements.
2. However: Roksana is cleared – but they were on a documented overnight flight, verified by airline records.
3. Phaedra was officially signed out at 22:50 via the front-desk register.
4. Omari was passed over for a recent promotion – appears to have motive.
5. Roksana has authorization to handle the item and specialized engineering certification – initial suspicion was high.
6. Joren has only authorization to handle the item of the four requirements.
7. Initial assumption pointed to Omari because of proximity to the scene earlier, but this has been independently ruled out.
8. Phaedra has all four requirements: specialized engineering certification, a verified relationship with the donor, authorization to handle the item, and meets the temporal requirement (presence between 01:00 and 04:15).
9. The trace at the scene (a network certificate signed by senior staff) ties directly to inventory or systems uniquely accessible to Phaedra.
- 10 Mateo lacks specialized engineering certification – confirmed by personnel records.

Answer Key – Deduction Mysteries

Solve before peeking. Correct suspect and key reasoning steps below.

Case 01 B) Ramona

- ☒ Four requirements (advanced restoration training, a verified relationship with the donor, presence between 02:00 and 05:30, familiarity with the security routing) plus a unique technical trace narrow the case.
 - ☒ Cedric appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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Case 02 C) Iolanthe

- ☒ Four requirements (a master key issued only to senior staff, administrator credentials, presence between 00:30 and 04:45, knowledge of the seal serial pattern) plus a unique technical trace narrow the case.
 - ☒ Saoirse appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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Case 03 C) Damaris

- ☒ Four requirements (advanced restoration training, a verified relationship with the donor, presence between 02:00 and 05:45, authorization to handle the item) plus a unique technical trace narrow the case.
 - ☒ Nizar appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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Case 04 C) Joren

- ☒ Four requirements (clearance to the restricted archive, documented hands-on history with the item, presence between 02:00 and 06:00, possession of the specific tool used) plus a unique technical trace narrow the case.
 - ☒ Kiran appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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Case 05 D) Eira

- ☒ Four requirements (clearance to the restricted archive, administrator credentials, presence between 00:00 and 04:30, knowledge of the seal serial pattern) plus a unique technical trace narrow the case.
 - ☒ Rosalind appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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Case 06 undefined) Phaedra

- ☒ Four requirements (specialized engineering certification, a verified relationship with the donor, presence between 01:00 and 04:15, authorization to handle the item) plus a unique technical trace narrow the case.
- ☒ Omari appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.