

Deduction Mysteries

CASE 01

A VIP patient file was taken from the administration office of Aldermarsh Clinic during the overnight window between 02:45 and 05:30. The operation required specific qualifications, access, and timing. 8 suspects are under investigation: Tatum (janitor), Octavia (head nurse), Anand (technician), Odell (attending physician), Eleni (volunteer), Gemma (pharmacist), Alejandro (medical resident), Selene (security officer). Several have strong-looking motives.

Q Who took the VIP patient file?

1. Octavia has all four requirements: specialized engineering certification, documented hands-on history with the item, familiarity with the security routing, and meets the temporal requirement (presence between 02:45 and 05:30).
2. The theft involved a network certificate signed by senior staff.
3. Anand has familiarity with the security routing and documented hands-on history with the item and specialized engineering certification – initial suspicion was high.
4. Gemma filed a grievance two weeks ago – appears to have motive.
5. Anand was passed over for a recent promotion – appears to have motive.
6. Selene lacks specialized engineering certification – confirmed by personnel records.
7. Initial assumption pointed to Tatum because of being seen near the building, but this has been independently ruled out.
8. Eleni's badge log shows them off-site the entire window.
9. Octavia claims to have exited the building at 23:40 – the official badge log confirms this.
- 10 Alejandro clashed publicly with management – appears to have motive.
- 11 Odell lacks specialized engineering certification – confirmed by personnel records.
- 12 However: Alejandro is cleared – but two independent witnesses confirm a video call with them throughout the window.

CASE 02

An original script was taken from the director's office of Northgate Stage during the overnight window between 00:00 and 03:15. The operation required specific qualifications, access, and timing. 7 suspects are under investigation: Faye (prop master), Odell (stage manager), Dimah (lead actor), Hasan (musical director), Katarina (stagehand), Omari (box-office manager), Quincy (costume designer). Several have strong-looking motives.

Q Who took the original script?

1. Quincy lacks a master key issued only to senior staff – confirmed by personnel records.
2. Katarina has a master key issued only to senior staff and administrator credentials – initial suspicion was high.
3. However: Omari is cleared – but their box-office key was revoked the day before – confirmed in the security audit.
4. Odell their video call ended at 23:20 according to the system.
5. Odell has all four requirements: a master key issued only to senior staff, administrator credentials, knowledge of the seal serial pattern, and meets the temporal requirement (presence between 00:00 and 03:15).
6. Omari has knowledge of the seal serial pattern and administrator credentials – initial suspicion was high.
7. The trace at the scene (a seal cut with a serial pattern from a specific supply) ties directly to inventory or systems uniquely accessible to Odell.
8. The theft involved a seal cut with a serial pattern from a specific supply.
9. But: however pedestrian-door sensor records show they re-authenticated from an internal network at 2:50.
- 10 Omari had financial pressure – appears to have motive.

Deduction Mysteries

CASE 03

A tournament prize money was taken from the training facility of Brightline Fitness during the overnight window between 01:00 and 05:45. The operation required specific qualifications, access, and timing. 7 suspects are under investigation: Katarina (star player), Idris (equipment manager), Eleni (head coach), Simeon (team statistician), Kiran (assistant coach), Ines (referee), Cedric (rookie player). Several have strong-looking motives.

Q Who took the tournament prize money?

1. The theft involved a hand-machined tool stocked in only one closet.
2. However: Ines is cleared – but they were on a documented overnight flight, verified by airline records.
3. Cedric has clean-room or vault clearance and possession of the specific tool used – initial suspicion was high.
4. But: however the unsecured service entrance doesn't require a badge to re-enter.
5. The trace at the scene (a hand-machined tool stocked in only one closet) ties directly to inventory or systems uniquely accessible to Eleni.
6. Ines filed a grievance two weeks ago – appears to have motive.
7. However: Katarina is cleared – but equipment sign-out places them at the hospital with a family emergency during the entire window.
8. Simeon's equipment sign-out shows them off-site the entire window.
9. Initial assumption pointed to Kiran because of being seen near the building, but this has been independently ruled out.
- 10 Katarina clashed publicly with management – appears to have motive.
- 11 Eleni was officially signed out at 23:55 via the front-desk register.
- 12 ~~However: Cedric is cleared – but they were on a documented overnight flight, verified by airline records.~~

CASE 04

A customer credit-card list was extracted from the DevOps room of Quartermaine Cyber during the overnight window between 00:15 and 04:00. The operation required specific qualifications, access, and timing. 7 suspects are under investigation: Lana (support lead), Kalisa (intern), Elara (site-reliability engineer), Ishaan (contractor), Aurora (security analyst), Kasper (product manager), Anand (data scientist). Several have strong-looking motives.

Q Who extracted the customer credit-card list?

1. Kalisa has knowledge of the seal serial pattern and after-hours building access and a master key issued only to senior staff – initial suspicion was high.
2. The data theft involved a seal cut with a serial pattern from a specific supply.
3. However: Kalisa is cleared – but witness colleague places them at the hospital with a family emergency during the entire window.
4. Initial assumption pointed to Aurora because of public friction with management, but this has been independently ruled out.
5. However: Elara is cleared – but their VPN credentials was revoked the day before – confirmed in the security audit.
6. Anand has all four requirements: a master key issued only to senior staff, after-hours building access, knowledge of the seal serial pattern, and meets the temporal requirement (presence between 00:15 and 04:00).
7. Lana lacks a master key issued only to senior staff – confirmed by personnel records.
8. Kalisa filed a grievance two weeks ago – appears to have motive.
9. Ishaan filed a grievance two weeks ago – appears to have motive.
- 10 Aurora lacks a master key issued only to senior staff – confirmed by personnel records.

Deduction Mysteries

CASE 05

The laptop with trade secrets were taken from the legal archive of Velocity Labs during the overnight window between 00:45 and 04:00. The operation required specific qualifications, access, and timing. 8 suspects are under investigation: Nadia (CFO), Theo (security officer), Tarek (legal counsel), Gemma (senior engineer), Juno (records clerk), Mauro (HR director), Zephyr (facilities coordinator), Mei (intern). Several have strong-looking motives.

Q Who took the laptop with trade secrets?

1. Juno's door access record shows them off-site the entire window.
2. The trace at the scene (a network certificate signed by senior staff) ties directly to inventory or systems uniquely accessible to Theo.
3. However: Mei is cleared – but they were on a documented overnight flight, verified by airline records.
4. However: Mauro is cleared – but elevator log places them at the hospital with a family emergency during the entire window.
5. Initial assumption pointed to Juno because of public friction with management, but this has been independently ruled out.
6. Mei has elevated system privileges and clean-room or vault clearance and authorization to handle the item – initial suspicion was high.
7. Mei clashed publicly with management – appears to have motive.
8. However: Tarek is cleared – but they were on a documented overnight flight, verified by airline records.
9. Mauro was passed over for a recent promotion – appears to have motive.
- 10 Gemma's witness account shows them off-site the entire window.
- 11 Tarek filed a grievance two weeks ago – appears to have motive.

CASE 06

The director's notes were taken from the sound booth of Saint-Clair Playhouse during the overnight window between 02:00 and 05:15. The operation required specific qualifications, access, and timing. 7 suspects are under investigation: Simeon (lead actor), Vidal (lighting tech), Emiko (director), Dimitri (prop master), Joren (box-office manager), Mauro (stagehand), Enzo (understudy). Several have strong-looking motives.

Q Who took the director's notes?

1. Joren has a master key issued only to senior staff and knowledge of the seal serial pattern and a verified relationship with the donor – initial suspicion was high.
2. Emiko was officially signed out at 23:30 via the front-desk register.
3. Simeon lacks a master key issued only to senior staff – confirmed by personnel records.
4. Enzo has only a verified relationship with the donor of the four requirements.
5. The theft involved a foam replica skillfully painted with restoration-grade spray paint.
6. But: however the pedestrian-door sensor shows their vehicle remained in the lot until well after 02:00.
7. However: Mauro is cleared – but props inventory log places them at the hospital with a family emergency during the entire window.
8. Emiko has all four requirements: a master key issued only to senior staff, a verified relationship with the donor, knowledge of the seal serial pattern, and meets the temporal requirement (presence between 02:00 and 05:15).
9. Mauro has a master key issued only to senior staff and knowledge of the seal serial pattern – initial suspicion was high.
- 10 Four independent requirements: a master key issued only to senior staff, a verified relationship with the donor, presence between 02:00 and 05:15, and knowledge of the seal serial pattern.

Answer Key – Deduction Mysteries

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

Case 01 **undefined) Octavia**

- ☒ Four requirements (specialized engineering certification, documented hands-on history with the item, presence between 02:45 and 05:30, familiarity with the security routing) plus a unique technical trace narrow the case.
 - ☒ Alejandro appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
-

Case 02 **C) Odell**

- ☒ Four requirements (a master key issued only to senior staff, administrator credentials, presence between 00:00 and 03:15, knowledge of the seal serial pattern) plus a unique technical trace narrow the case.
 - ☒ Faye appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
-

Case 03 **E) Eleni**

- ☒ Four requirements (clearance to the restricted archive, clean-room or vault clearance, presence between 01:00 and 05:45, possession of the specific tool used) plus a unique technical trace narrow the case.
 - ☒ Ines appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
-

Case 04 **F) Anand**

- ☒ Four requirements (a master key issued only to senior staff, after-hours building access, presence between 00:15 and 04:00, knowledge of the seal serial pattern) plus a unique technical trace narrow the case.
 - ☒ Ishaan appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
-

Case 05 **B) Theo**

- ☒ Four requirements (elevated system privileges, clean-room or vault clearance, presence between 00:45 and 04:00, authorization to handle the item) plus a unique technical trace narrow the case.
 - ☒ Mei appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
-

Case 06 **C) Emiko**

- ☒ Four requirements (a master key issued only to senior staff, a verified relationship with the donor, presence between 02:00 and 05:15, knowledge of the seal serial pattern) plus a unique technical trace narrow the case.
- ☒ Vidal appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.