

Deduction Mysteries

CASE 01

The quarterly financials were extracted from the code review room of Solstice Labs between 02:15 and 04:00. The operation required specific qualifications and access. 7 suspects: Eira (senior engineer), Fenella (CTO), Polina (site-reliability engineer), Ulla (data scientist), Etienne (product manager), Rosalind (DevOps lead), Stellan (support lead).

Q Who extracted the quarterly financials?

1. Fenella was at a documented hospital appointment during the window – verified by CCTV camera.
2. The data theft required a custom-machined tool stocked only in equipment closet B.
3. Ulla had the qualifications but was hospitalized during the window – third-party verified.
4. Eira lacks the required professional certification – confirmed by personnel records.
5. Stellan lacks the required professional certification – confirmed by personnel records.
6. Etienne was seen near the DevOps room earlier that evening, but they had left the building by 20:05 and never returned.
7. Etienne had the qualifications but was hospitalized during the window – third-party verified.
8. A trace at the scene – a custom-machined tool stocked only in equipment closet B – matches inventory accessible only to Polina.
9. Rosalind lacks the required professional certification – confirmed by personnel records.
- 10 Three independent requirements: professional certification, badge access, and presence at the code review room during the 02:15-04:00 window.
- 11 Polina stated they left the building at 23:50, but the badge access record shows their MFA device active at 02:15.
- 12 Polina has all three required qualifications.

CASE 02

A signed binary release was extracted from the code review room of Solstice Labs between 02:15 and 04:45. The operation required specific qualifications and access. 6 suspects: Elspeth (contractor), Dario (security analyst), Nadia (DevOps lead), Jules (site-reliability engineer), Iolanthe (CTO), Bjorn (data scientist).

Q Who extracted the signed binary release?

1. Dario was at a documented conference during the window – verified by VPN session log.
2. Dario was seen near the executive suite earlier that evening, but they had left the building by 20:25 and never returned.
3. Three independent requirements: professional training, SSH key access, and presence at the code review room during the 02:15-04:45 window.
4. Bjorn stated they left the building at 23:10, but the parking-lot camera shows their VPN credentials active at 02:15.
5. The data theft required a unique encryption signature traceable to internal-only training.
6. Nadia's VPN session log shows continuous presence in a separate building.
7. Iolanthe was at a documented hospital appointment during the window – verified by badge swipe.
8. A trace at the scene – a unique encryption signature traceable to internal-only training – matches inventory accessible only to Bjorn.
9. Jules's SSH key was revoked two weeks prior; archived access list confirms.
- 10 Elspeth's CCTV camera shows continuous presence in a separate building.
- 11 Bjorn has all three required qualifications.

Deduction Mysteries

CASE 03

An illuminated codex was taken from the special collections room of Saint-Clair Collection between 03:30 and 05:45. The operation required specific qualifications and access. 7 suspects: Thora (reference librarian), Enzo (research assistant), Kenji (volunteer), Fariha (archivist), Aaliyah (cataloger), Diallo (visiting scholar), Akhil (head librarian).

Q Who took the illuminated codex?

1. The theft required a custom-machined tool stocked only in equipment closet B.
2. A trace at the scene – a custom-machined tool stocked only in equipment closet B – matches inventory accessible only to Akhil.
3. Akhil has all three required qualifications.
4. Enzo had the qualifications but family was visiting during the window – third-party verified.
5. Kenji's badge swipe shows continuous presence in a separate building.
6. Three independent requirements: professional expertise, staff key access, and presence at the special collections room during the 03:30-05:45 window.
7. Enzo was seen near the curator office earlier that evening, but they had left the building by 21:35 and never returned.
8. Akhil stated they left the building at 23:20, but the parking-lot camera shows their vault key active at 03:30.
9. Fariha was at a documented conference during the window – verified by witness patron.
- 10 Diallo's staff key was revoked two weeks prior; archived access list confirms.
- 11 Aaliyah's archive log shows continuous presence in a separate building.
- 12 Thora had the qualifications but was on a flight during the window – third-party verified.

CASE 04

A calibration gauge was taken from the customer pickup bay of Brightline Industrial between 02:00 and 04:00. The operation required specific qualifications and access. 6 suspects: Vidal (electrician), Dario (machinist), Kiran (customer service rep), Esme (quality inspector), Joaquin (apprentice), Anastasia (welder).

Q Who took the calibration gauge?

1. Esme's witness coworker shows continuous presence in a separate building.
2. Dario lacks the required professional certification – confirmed by personnel records.
3. Vidal stated they left the building at 23:25, but the parking-lot camera shows their tool-crib key active at 02:00.
4. Anastasia was seen near the employee locker area earlier that evening, but they had left the building by 21:55 and never returned.
5. Joaquin's time-clock log shows continuous presence in a separate building.
6. Vidal has all three required qualifications.
7. Kiran was at a documented training during the window – verified by door sensor.
8. Anastasia was at a documented hospital appointment during the window – verified by tool-checkout log.
9. The theft required a custom-machined tool stocked only in equipment closet B.
- 10 Three independent requirements: professional certification, parts-room code access, and presence at the customer pickup bay during the 02:00-04:00 window.
- 11 A trace at the scene – a custom-machined tool stocked only in equipment closet B – matches inventory accessible only to Vidal.

Deduction Mysteries

CASE 05

A bronze sculpture was taken from the second-floor gallery of Aldworth Collection between 03:45 and 05:15. The operation required specific qualifications and access. 7 suspects: Florian (art restorer), Sigrid (archivist), Tess (night security), Eira (security guard), Fariha (tour guide), Tatum (curator), Klaus (docent).

Q Who took the bronze sculpture?

1. Florian has all three required qualifications.
2. Tatum lacks the required professional training – confirmed by personnel records.
3. A trace at the scene – a digital certificate issued only to senior staff – matches inventory accessible only to Florian.
4. Tess was at a documented training during the window – verified by witness testimony.
5. Klaus's door sensor shows continuous presence in a separate building.
6. Florian stated they left the building at 22:35, but the network authentication record shows their elevator access active at 03:45.
7. Three independent requirements: professional training, master key access, and presence at the second-floor gallery during the 03:45-05:15 window.
8. Sigrid was seen near the storage basement earlier that evening, but they had left the building by 21:05 and never returned.
9. The theft required a digital certificate issued only to senior staff.
- 10 Fariha's door sensor shows continuous presence in a separate building.
- 11 Sigrid's master key was revoked two weeks prior; archived access list confirms.
- 12 Eira lacks the required professional training – confirmed by personnel records.

CASE 06

A client contract data was extracted from the server farm of Atlas Cloud between 02:45 and 04:00. The operation required specific qualifications and access. 6 suspects: Enzo (senior engineer), Leander (DevOps lead), Eitan (intern), Joren (product manager), Gisela (data scientist), Dimitri (contractor).

Q Who extracted the client contract data?

1. Leander had the qualifications but family was visiting during the window – third-party verified.
2. Leander was seen near the SOC operations center earlier that evening, but they had left the building by 21:05 and never returned.
3. Gisela stated they left the building at 23:40, but the door sensor history shows their SSH key active at 02:45.
4. Eitan's SSH key was revoked two weeks prior; archived access list confirms.
5. A trace at the scene – a specific paint formulation only stocked in the restoration lab – matches inventory accessible only to Gisela.
6. Joren lacks the required professional training – confirmed by personnel records.
7. Gisela has all three required qualifications.
8. The data theft required a specific paint formulation only stocked in the restoration lab.
9. Dimitri lacks the required professional training – confirmed by personnel records.
- 10 Enzo's SSH key was revoked two weeks prior; archived access list confirms.
- 11 Three independent requirements: professional training, SSH key access, and presence at the server farm during the 02:45-04:00 window.

Answer Key – Deduction Mysteries

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

Case 01 D) Polina

- ☑ Three requirements (professional certification, badge, presence at the code review room during the 02:15-04:00 window) plus a technical trace narrow this case.
 - ☑ Eira eliminated by alibi or missing qualification.
-

Case 02 B) Bjorn

- ☑ Three requirements (professional training, SSH key, presence at the code review room during the 02:15-04:45 window) plus a technical trace narrow this case.
 - ☑ Elspeth eliminated by alibi or missing qualification.
-

Case 03 F) Akhil

- ☑ Three requirements (professional expertise, staff key, presence at the special collections room during the 03:30-05:45 window) plus a technical trace narrow this case.
 - ☑ Thora eliminated by alibi or missing qualification.
-

Case 04 B) Vidal

- ☑ Three requirements (professional certification, parts-room code, presence at the customer pickup bay during the 02:00-04:00 window) plus a technical trace narrow this case.
 - ☑ Dario eliminated by alibi or missing qualification.
-

Case 05 E) Florian

- ☑ Three requirements (professional training, master key, presence at the second-floor gallery during the 03:45-05:15 window) plus a technical trace narrow this case.
 - ☑ Sigrid eliminated by alibi or missing qualification.
-

Case 06 B) Gisela

- ☑ Three requirements (professional training, SSH key, presence at the server farm during the 02:45-04:00 window) plus a technical trace narrow this case.
 - ☑ Enzo eliminated by alibi or missing qualification.
-