

Summary of Programs,etc

Purpose: Establish a common software foundation for Sacred Wagon personnel while giving each position the tools most relevant to its day-to-day responsibilities.

Core stack: Maltego • QGIS • Gephi • Python • LibreOffice

1. PROGRAMS

Sacred Wagon's career framework centers on lawful investigations, authorized information gathering, research, analysis, crisis coordination, and practical problem-solving. The careers document specifically emphasizes research, verification, timelines, relationships, patterns, reporting, situational awareness, operational coordination, and documentation.

Program	Role in the workflow
Maltego	Primary entity and relationship-analysis platform: people, organizations, events, domains, infrastructure and other authorized data relationships.
Gephi	Network-analysis and visualization layer for examining complex relationship structures.
QGIS	Geographic-analysis layer for location, mapping, spatial relationships, community risk and site assessment.
Python	Automation and advanced data-analysis layer: cleaning, transformation, repeatable workflows and custom analysis.
LibreOffice	Documentation and communication layer: reports, spreadsheets, briefings, correspondence, timelines and records.

2. POSITION-BASED LEARNING PRIORITIES

Position	Priority learning	Day-to-day focus
Strategic Intelligence Consultant	Maltego, Gephi, LibreOffice, Python	Strategic research, relationships, emerging risks, intelligence reports and executive briefings.
Intelligence Operations Specialist	LibreOffice, Maltego, QGIS	Case organization, intelligence requirements, operational documentation and coordination.
Crisis Management Consultant	LibreOffice, QGIS, Maltego, Gephi	Crisis assessment, response planning, stakeholder coordination and after-action reporting.
Protective Intelligence Analyst	Maltego, Gephi, QGIS, LibreOffice	Authorized threat research, pattern analysis, threat assessments and protective planning.
Business Continuity Consultant	LibreOffice, Gephi, QGIS, Python	Critical functions, dependencies, vulnerabilities, continuity plans and recovery strategies.
Strategic Affairs Officer	LibreOffice, Maltego	Briefings, correspondence, strategic initiatives, partnerships and sensitive organizational matters.
Security Risk Consultant	QGIS, Maltego, LibreOffice, Python	Risk assessments, vulnerabilities, security procedures and risk-reduction recommendations.
Intelligence Research Analyst	Maltego, Gephi, LibreOffice, Python	OSINT/authorized research, verification, timelines, connections, patterns and intelligence reporting.
C4ISR Analyst	Python, Gephi, QGIS, Maltego, LibreOffice	Information integration, information flows, reporting systems and situational awareness.
Threat Prevention Specialist	Maltego, Gephi, QGIS, LibreOffice	Warning indicators, vulnerabilities, threat relationships and prevention strategies.

Position	Priority learning	Day-to-day focus
Risk & Resilience Analyst	Gephi, QGIS, Python, LibreOffice	Organizational dependencies, single points of failure, resilience and mitigation.
Protective Systems Specialist	QGIS, Python, Maltego, LibreOffice	Protective procedures, security systems, weaknesses and technology/procedure integration.
Preparedness & Training Coordinator	LibreOffice, QGIS	Training programs, exercises, preparedness materials, drills and records.
Regulatory & Policy Analyst	LibreOffice, Python, Maltego	Regulations, policy changes, compliance analysis and policy briefs.
Ethical Coordination Specialist	LibreOffice, Maltego	Authorization, privacy considerations, operational limitations and documentation.
Anti-Human Trafficking Program Coordinator	Maltego, QGIS, Gephi, LibreOffice	Lawful research, organization/event relationships, education, partnerships and prevention resources.
Community Preparedness Analyst	QGIS, Python, LibreOffice	Community vulnerabilities, emergency capabilities, preparedness recommendations and public education.
C4ISR Support Specialist	Python, Gephi, LibreOffice, Maltego	Information systems, reporting workflows, communication and intelligence integration.
Strategic Response Lead	LibreOffice, Maltego, Gephi, QGIS	Operational priorities, team coordination, changing circumstances and response-to-recovery transition.
Senior Intelligence Analyst	Maltego, Gephi, Python, LibreOffice, QGIS	Complex analysis, timelines, information gaps, competing explanations and executive briefings.
Surveillance & Reconnaissance Specialist	QGIS, LibreOffice, Maltego	Authorized observation, site assessment, field records and factual reporting.
Threat Assessment Specialist	Maltego, Gephi, QGIS, LibreOffice	Threat evaluation, behavioral/situational indicators, risk levels and mitigation.
Protective Intelligence Specialist	Maltego, Gephi, QGIS, LibreOffice	Authorized research, threat monitoring, protective assessments and briefings.
Crisis Operations Coordinator	LibreOffice, QGIS, Maltego	Operational timelines, assignments, communications, decisions and situation reports.
OSINT & Research Specialist	Maltego, Gephi, Python, LibreOffice, QGIS	Open-source research, verification, timelines, records/media analysis and research packages.
Intelligence Support Specialist	LibreOffice, Maltego	Case files, intelligence organization, briefings, requests and documentation.
C4ISR Operations Officer	Python, Gephi, Maltego, QGIS, LibreOffice	Information integration, situational awareness, intelligence reporting and operational communications.

3. MALTEGO: PRIMARY

Best for: Intelligence Research, OSINT, Protective Intelligence, Threat Prevention, Threat Assessment, Senior Intelligence and Strategic Intelligence roles.

Learning sequence: Learn first: entities → properties → relationships → transforms → graphs → filtering → evidence/source tracking → case documentation.

Learning tips

- Start with a small fictional/authorized dataset rather than a huge investigation.
- Learn what every node represents before interpreting a connection.
- Separate confirmed facts from assumptions and hypotheses.
- Use source provenance: record where a fact came from and when it was verified.
- Build graphs incrementally. Add only information that answers a defined intelligence question.
- Practice turning a graph into a concise written finding.
- Respect authorization, privacy, terms of service and applicable law. Do not use the tool to investigate people outside a legitimate authorized purpose.

Quick workflow: Cheat sheet: Person/Organization/Domain/Event → add attributes → connect entities → enrich authorized data → validate sources → identify meaningful relationships → record confidence → export findings → report.

4. GEPHI: NETWORK ANALYSIS

Best for: Senior Intelligence Analysts, Intelligence Research Analysts, OSINT & Research Specialists, C4ISR Analysts, Risk & Resilience Analysts.

Learning sequence: Learn first: nodes vs. edges → degree → connected components → communities → centrality → filters → layouts → labels → export.

Learning tips

- Think of nodes as things and edges as relationships.
- Start with a clean edge list or table.
- Use filters to reduce visual clutter before interpreting a network.
- Learn degree and centrality before moving into more advanced metrics.
- Do not confuse visual prominence with real-world importance.
- Compare network structure before and after adding verified information.

Quick workflow: Cheat sheet: Build dataset → import → inspect nodes/edges → filter → calculate basic metrics → visualize → investigate anomalies/communities → validate against source material → export.

5. QGIS: GEOGRAPHIC INTELLIGENCE

Best for: Community Preparedness, Security Risk, C4ISR, Crisis Management, Surveillance & Reconnaissance, Protective Intelligence and Resilience roles.

Learning sequence: Learn first: layers → vector/raster data → attributes → coordinate reference systems → symbology → labels → selection → joins → buffers → layouts.

Learning tips

- Keep the map question specific: what decision should the map support?
- Learn the difference between points, lines and polygons.
- Keep source, date and coordinate-system information with your data.
- Use simple symbology before creating complex maps.
- Validate locations and avoid presenting uncertain locations as precise facts.
- Export a clean map with a title, legend, date and source notes.

Quick workflow: Cheat sheet: Add layer → inspect attributes → symbolize → filter/select → analyze spatial relationships → validate → create layout → export/report.

6. PYTHON — AUTOMATION & DATA ANALYSIS

Best for: C4ISR, Senior Intelligence, OSINT/Research, Risk & Resilience, Community Preparedness and technical support roles.

Learning sequence: Learn first: variables → lists/dictionaries → functions → loops → files → CSV/JSON → pandas → regular expressions → basic plotting → error handling.

Learning tips

- Learn Python by automating small, repetitive tasks.
- Master CSV and JSON before attempting complex projects.
- Keep raw data separate from cleaned/processed data.
- Write comments explaining why a transformation is performed.
- Use reproducible scripts instead of manually repeating the same analysis.
- Validate outputs; automation can repeat mistakes very efficiently.
- Never automate collection or processing beyond the authority and data rights of the project.

Quick workflow: Cheat sheet: Input → validate → clean → transform → analyze → check → export → document.

7. LIBREOFFICE: REPORTING & BUSINESS OPERATIONS

Best for: Every Sacred Wagon position; especially Operations, Crisis Coordination, Policy, Ethics, Preparedness and Intelligence Support.

Learning sequence: Learn first: Writer → Calc → Impress → styles/templates → tables → formulas → charts → document control → PDF export.

Learning tips

- Create Sacred Wagon templates for recurring reports and briefings.
- Use consistent headings, dates, version numbers and source notes.
- Keep raw calculations in Calc rather than manually typing totals into reports.
- Use Writer for narrative intelligence products and formal documentation.
- Use Calc for structured data, trackers and simple analysis.
- Use Impress for executive briefings and training material.
- Protect sensitive files and maintain clear version control.

Quick workflow: Cheat sheet: Collect → organize → analyze → write → review → source → approve → export → archive.

8. RECOMMENDED TRAINING PROGRESSION

Phase 1 — Common Foundation: All personnel learn LibreOffice fundamentals, information organization, source documentation, basic data hygiene, and responsible handling of authorized information.

Phase 2 — Intelligence Core: Intelligence-facing personnel learn Maltego fundamentals, entity modeling, relationship analysis, source validation, graph construction and reporting.

Phase 3 — Specialization: Personnel branch into Gephi for network analysis, QGIS for geographic analysis, or Python for automation/data analysis according to their position.

Phase 4 — Integration: Analysts practice moving a single authorized case dataset through multiple tools: Maltego for relationships, Gephi for network structure, QGIS for geographic context, Python for repeatable data work, and LibreOffice for the final intelligence product.

Phase 5 — Quality Control: Every product should be reviewed for source quality, analytical assumptions, uncertainty, authorization, privacy considerations, reproducibility and clear communication.

9. ANALYST CHEAT SHEET: QUESTIONS TO ASK BEFORE USING ANY TOOL

- What is the intelligence question or business problem?
- What information am I authorized to collect, access or analyze?
- What is the source of each important fact?
- What is confirmed, what is uncertain, and what is only a hypothesis?
- Which relationships or patterns actually matter to the decision?
- Would geographic context change the assessment?
- Can this task be automated safely and reproducibly?
- What does the client/leadership need to know—not merely what can I discover?
- Can another analyst reproduce how I reached this conclusion?
- Have I documented limitations, confidence and relevant sources?

10. IDEAL TOOLCHAIN

Question → Collect Authorized Information → Verify → Maltego → Gephi/QGIS/Python as Needed → Analyze → LibreOffice → Review → Brief/Report → Archive

This guide is based primarily on the Sacred Wagon Group Careers document supplied for this project. Program-specific learning tips are practical training recommendations and should be adapted to the organization's authorization, privacy, legal and operational requirements.