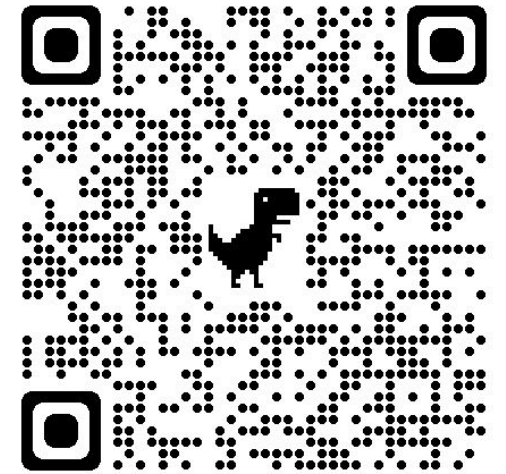
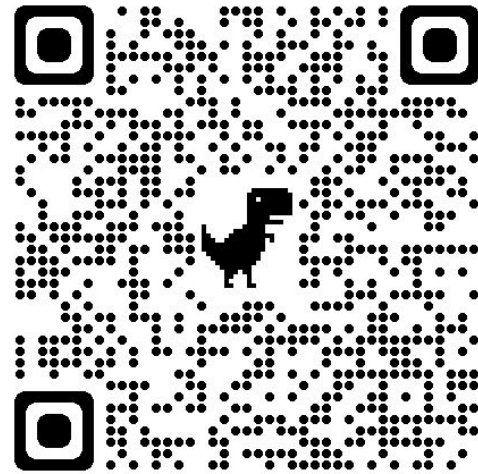
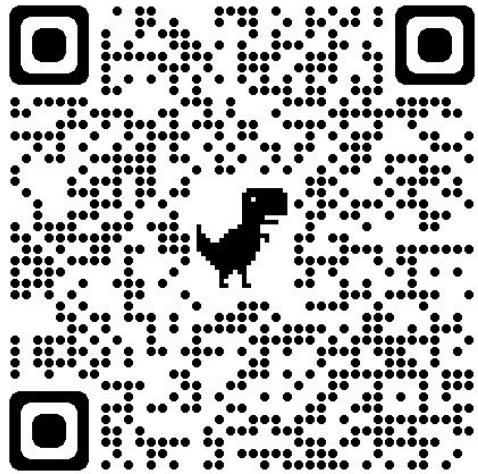
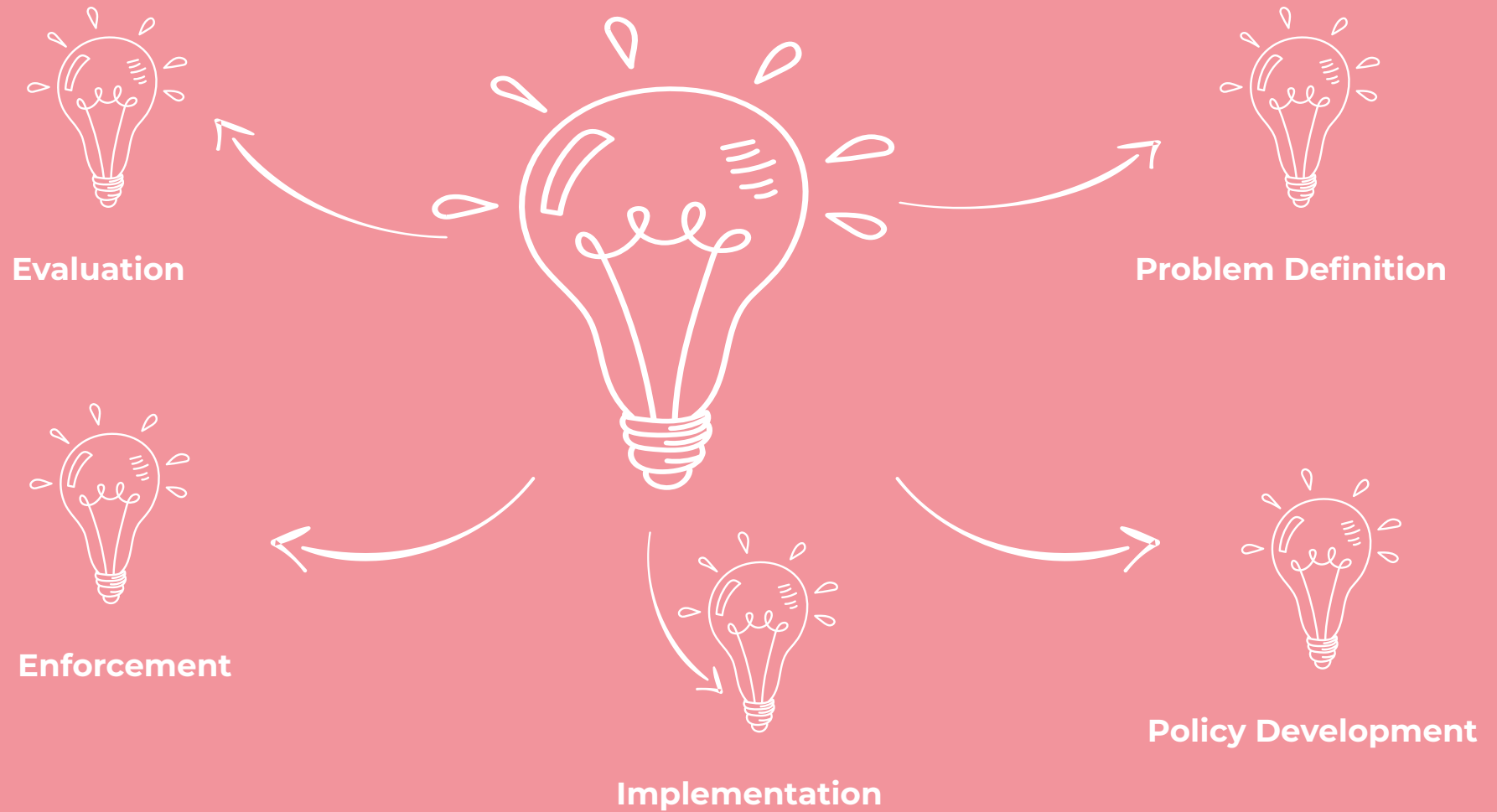


How to use Data to Influence Decision-Makers





Policy Cycle & Data



Data Discovery and Dictionary Creation



Implementation and Maintenance

- Deploy Data Governance Framework
- Integrate with Data Management Systems
- Regular Updates and Maintenance



Inventory and Assessment

- Identify Internal Data Sources
- Assess Data Quality and Relevance
- Catalog External Data Sources



Stakeholder Collaboration

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- Engage Stakeholders
 - Solicit Feedback
 - Iterative Refinement



Standardization and Documentation

- Establish Data Standards
- Document Data Attributes
- Map Data Relationships

Data Storytelling



Engage Through Narratives

- Inject Personality
- Foster Collaboration



Simplify and Visualize

- Embrace the "TMI Rule"
- Diversify Software Tools



Embrace Advanced Techniques

- Develop Interactive Dashboards
- Utilize Predictive Analytics

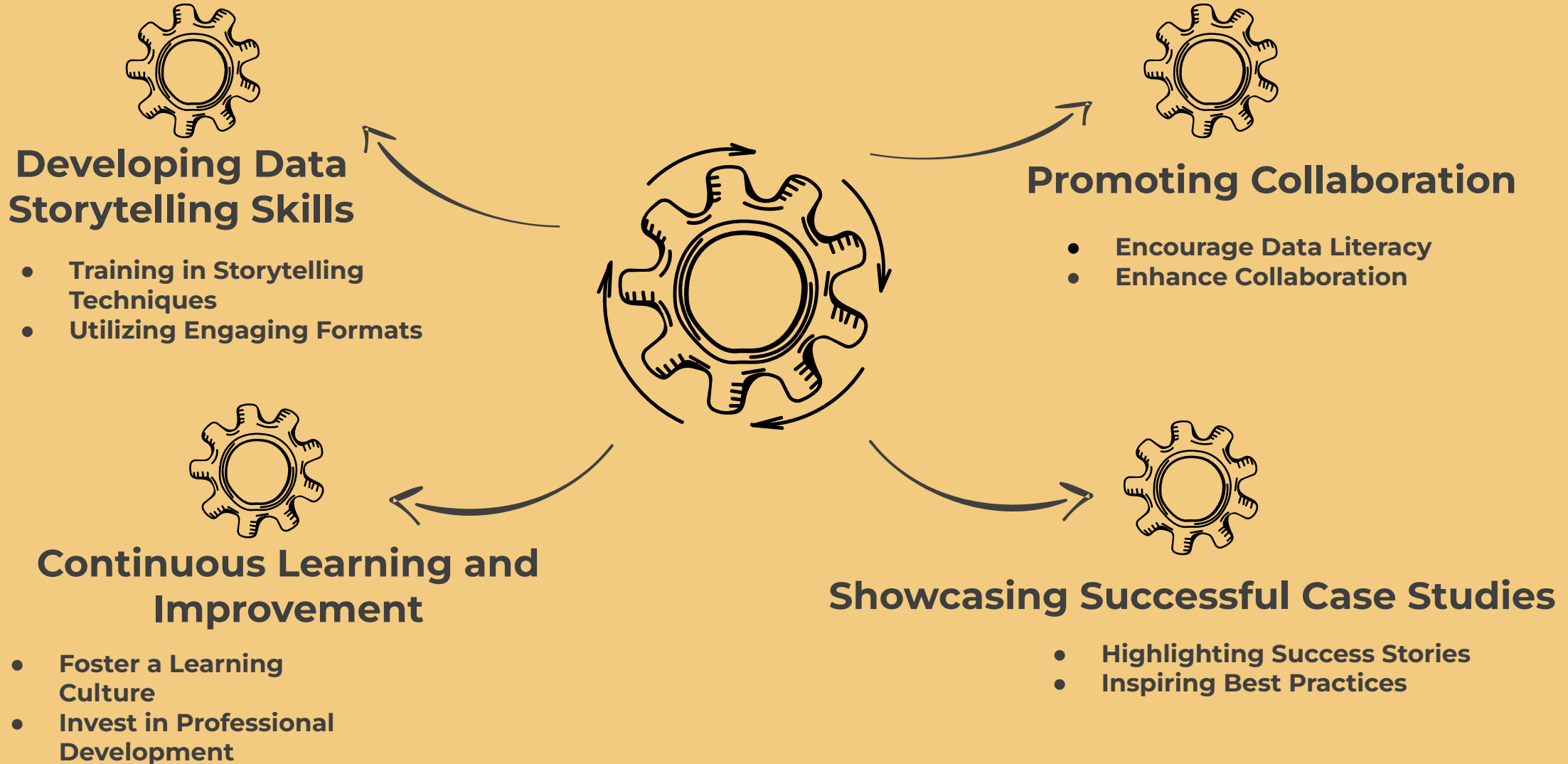


Provide Context and Address Uncertainty

- Establish Reference Points
- Acknowledge Errors



Data Synergy



Presenter & Resources

- Ethical Data Science, Prediction in the Public Interest
- "Recoding America" by Jennifer Pahlka
- Google Data Analytics Certificates
- IBM Data Analyst Professional Certificate
- European data strategy
- Artificial Intelligence and Data Act, Canada
- Access to Information Act, Canada
- UofT SCS Data Analytics Boot Camp
- Open Data, Government of British Columbia
- ArcGIS Pro for Government

Policy Applications

- Blame avoidance and credit-claiming dynamics in government policy communications: evidence from leadership tweets in four OECD countries during the 2020–2022 COVID-19 pandemic
- Statistics Canada
- Best management practices in adaptive management, SaskBMP
- The End of the Policy Analyst? Testing the Capability of Artificial Intelligence to Generate Plausible, Persuasive, and Useful Policy Analysis



Mehrdad Safaei is a policy analyst specialised in data and artificial intelligence at the Indigenous Services Canada, Government of Canada. They also work as a research assistant at Johnson Shoyama Graduate School of Public Policy and McGill University. Their recent research includes investigating the capability of artificial intelligence to generate plausible, persuasive, and useful policy analysis and performing Twitter sentiment analysis for "Attributions of Blame and Credit in Policy-Making". Mehrdad's areas of expertise are AI, ML, smart cities, evidence-based decision-making, data analysis, technology and innovation policy, open government, and digital government.

