Data and Analytics Strategy

Priorities · Capabilities · Accountability

The strategy answers the question: what needs to change in the data and analytics space for our university to achieve its UAP goals?

Link: https://www.yorku.ca/oipa/py_staff_area/data-and-analytics-strategy/

Data Literacy

Onboarding · Courses · Community of Engagement

Builds the skills and confidence needed to understand, interpret, and responsibly use data to inform decisions and support institutional goals.

Links: https://www.yorku.ca/oipa/py-staff-area/data-literacy/ | https://yulearn.yorku.ca/my/
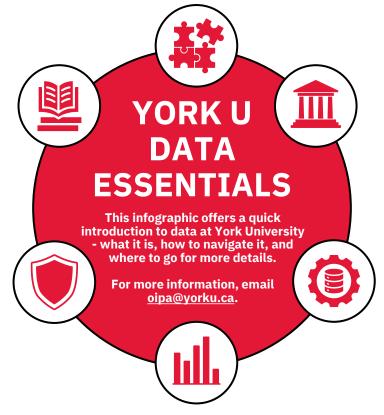
Data Privacy & Security

Policies · Access · Retention

York adheres to federal and provincial data protection regulations such as the Freedom of Information and Protection of Privacy Act (Ontario), and sector-specific guidelines, such as the Tri-Council Policy Statement.

All community members are required to complete data privacy and security training to ensure a secure data environment and responsible handling of sensitive information.

Links: https://ipo.info.yorku.ca/ | https://infosec.yorku.ca/

YORK U DATA ESSENTIALS

This infographic offers a quick introduction to data at York University - what it is, how to navigate it, and where to go for more details.

For more information, email oipa@yorku.ca.

Data Governance

Stewardship · Standards · Data Dictionary

Outlines institutional standards and policies regarding data and manages a system of decision rights and accountabilities for information-related processes.

Link: https://www.yorku.ca/oipa/data-analytics-governance/

Data Management

Data Inventory · Data Architecture · Data Quality

Establishes and implements practices for how data is collected, organized, stored, and maintained to ensure consistency, accuracy, and usability across the institution.

Link: https://www.yorku.ca/uit/faculty-and-staff-services/data-and-reporting-services/

Data Analytics

Data Hub · Data Navigation Assistant · Power BI

Transforms raw data into actionable insights through analysis, visualization, and reporting to support evidence-informed decision-making across the university.

Links: https://www.yorku.ca/oipa/data-hub/ | https://www.yorku.ca/oipa/ | BI Framework

YORKU DATA ESSENTIALS – YOUR ROADMAP (v1.0)

YORK U

START HERE!

Welcome to York University!

1

COMPLETE THE REQUIRED COURSES IN YULEARN

Required data courses include *"Cybersecurity Awareness for Faculty and Staff"*.

❑ Accessed and completed your required courses

2

FAMILIARIZE YOURSELF WITH YORK'S DATA AND ANALYTICS STRATEGY

The strategy answers the question: what needs to change in the data and analytics space for our University to achieve its UAP goals?

❑ Read York's Data and Analytics Strategy

3

EXPLORE YORK'S DATA HUB AND THE DATA NAVIGATION ASSISTANT (DNA)

The Data Hub is York's institutional repository of data. Here, you will find reports, dashboards, and information systems.

❑ Accessed the Data Hub and the DNA

DATA ANALYTICS
❑ Explored the Office of Institutional Planning & Analysis website
❑ Used the BI Framework for dashboard development

DATA GOVERNANCE
❑ Explored the Data Governance Framework
❑ Visited the Data Domains & Data Sub-Domains webpage

DATA MANAGEMENT
❑ Explored the data management website
❑ Noted dataquality@yorku.ca for reporting data quality issues

DATA PRIVACY AND SECURITY
❑ Explored the Information and Privacy Office website
❑ Explored the Information Security website

Want to dive deeper into data at York?

4

5

Want to continue learning about data at York?

JOIN THE DATA AND ANALYTICS COMMUNITY OF ENGAGEMENT

❑ Joined the D&A CoE Teams site
❑ Attended a D&A CoE session

STAY INFORMED REGARDING UPCOMING DATA AND ANALYTICS COURSES

❑ Explored learning opportunities
❑ Completed a D&A course

Start with the red pathway to get up to speed on York's data. When you are ready to go further, explore the gray pathways to deepen your knowledge and level up your understanding.