

UN Big Data Training Catalogue

Ralf Becker (beckerr@un.org)
Chief, Statistical Capacity Management Section
United Nations Statistics Division

(On behalf of the Big Data Task Team on Training, Competencies and Capacity Development)

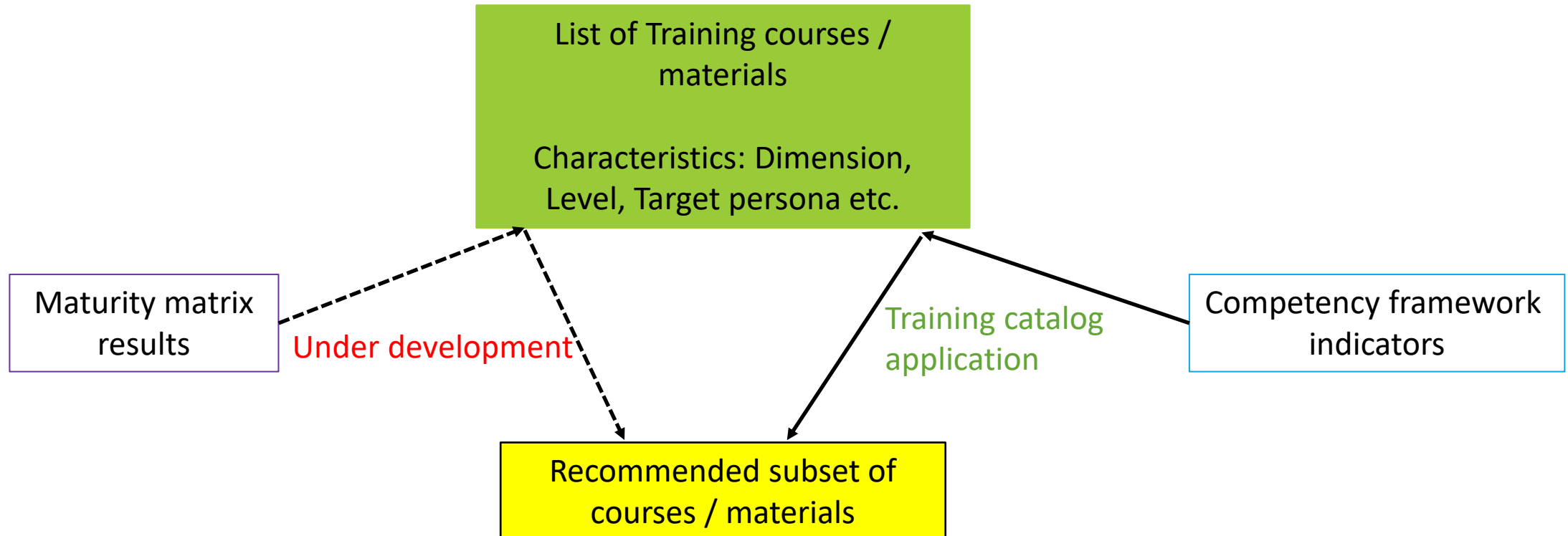
What is already available?

- Tools that:
 - Help individuals identify skills they need to develop to use big data ([Big Data Competency Framework](#))
 - Help National Statistical Offices (and others) to identify strength, weaknesses and gaps in their big data readiness ([Big Data Maturity Matrix](#))
- Training resources (existing and under development) that develop / improve certain skills ([many providers, including UN-CEBD LMS](#))

How do we link these resources?

- The assessment of existing skills, targets and gaps needs to lead to recommendations to bridge these gaps
- The curriculum development needs to lead to resources that can address skill improvements in certain situations, for a well defined audience
- Where do we find these training courses / materials that support individuals and NSOs to develop these skills and bridge the gaps?

How do we link these projects?



Welcome to the Big Data Training Catalog

This application links you to training courses and materials on Big Data-related topics and allows you to define a personal learning path.



Search the Training Catalog

The Big Data Training Catalog includes resources (courses and materials) that help to develop skills for using big data sources in the production of official statistics.

[Search the Catalog here »](#)

Big Data Competency Framework

The Big Data Competency Framework provides the basis for linking training resources to existing and needed skills for the use of big data and identifying of skill gaps. It forms the basis for determining the personal learning paths.

[Learn more »](#)

Keeping the catalog updated

Big Data is a very dynamic field. New needs and opportunity for training constantly emerge. To help us keep the catalog up to date, you are encouraged to inform us about new courses or materials that you have encountered and validate existing information.

[Learn more »](#)

Learning paths

Here you can identify resources that correspond to your personal work setting, current knowledge and planned goals.

[Learn more »](#)

Big Data Maturity Matrix

The Big Data Maturity Matrix is a self-assessment tool to help statistical offices understand the extent to which they have developed big data infrastructure and applications and to identify its strengths and weaknesses from which a development plan or road map may be produced.

[Learn more »](#)


Course evaluations

You are encouraged to provide feedback on courses/materials listed in this catalog. Your feedback will help us to improve the selection of courses in the catalog and provide guidance to course developers.

[Learn more »](#)

What does the application do?

- Provides a list of courses / materials that can be searched by different criteria
- Allows to identify a “Personalized Learning Path”, based on ones current specific circumstances and goals
 - What is my function?
 - What topic do I want to tackle?
 - What is my current knowledge and where do I want to go?
- The Learning Path uses the dimensions of the Competency Framework

Which of these options best suits your role? 

-- Select your job profile --

Which topic are you interested in?

All


Which skill are you looking to improve?

-- Select a skill you want to improve --

How would you rate your current knowledge in this area?



None

What level of knowledge are you aiming for? 

None

None

Foundation level (Beginner)

Practitioner level (Intermediate)

Expert level (Advanced)

© 2022 - UN-CEBD

Welcome

Course options

Personal profile

Welcome to the Personal Learning Path

1. To the left you will see some options. This is where we build your personal profile. Please follow the steps below.
2. First you select what kind of user you are (e.g. "Manager" or "Data Scientist").
3. Next you must identify which core skills you are looking to learn about.
4. Next you need to assess your level of knowledge in your selected core topics and select from the available options. If you are already at the "Advanced" level, no courses will be available to guide you further.
5. Next, using the same skill level scale, enter what level you would like to achieve by the end of this training.
6. Click Search

Once you have filled out this personal profile and clicked Search, your results will appear in the "Course options" tab. From here you will be able to select courses for your personal profile.

Which of these options best suits your role?

-- Select your job profile --

Which topic are you interested in?

All

Which skill are you looking to improve?

-- Select a skill you want to improve --

How would you rate your current knowledge in this area?

None

What level of knowledge are you aiming for?

None

Search

Welcome

Course options

Personal profile

Welcome to the Personal Learning Path

1. To the left you will see some options. This is where we build your personal profile. Please follow the steps below.
2. First you select what kind of user you are (e.g. "Manager" or "Data Scientist").
3. Next you must identify which core skills you are looking to learn about.
4. Next you need to assess your level of knowledge in your selected core topics and select from the available options.
If you are already at the "Advanced" level, no courses will be available to guide you further.
5. Next, using the same skill level scale, enter what level you would like to achieve by the end of this training.
6. Click Search

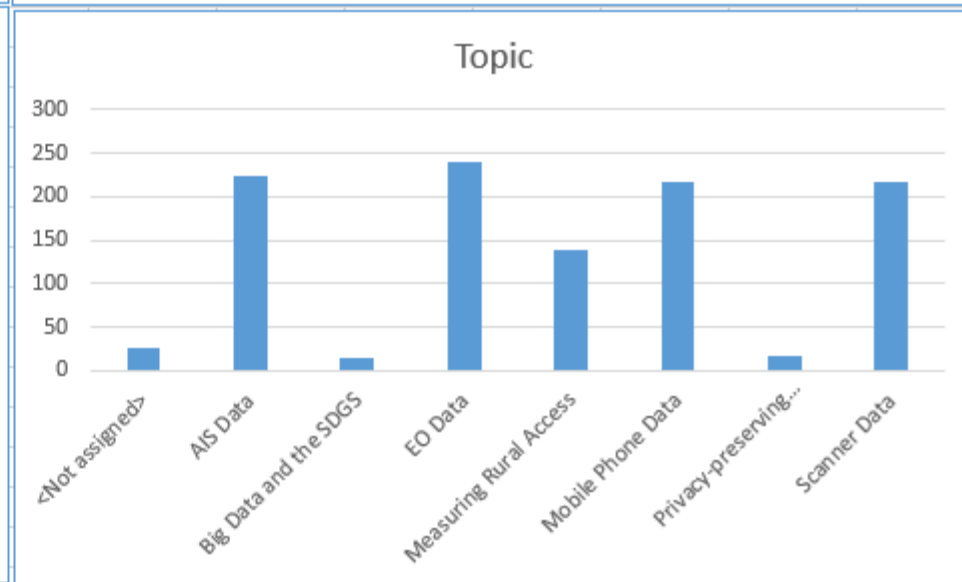
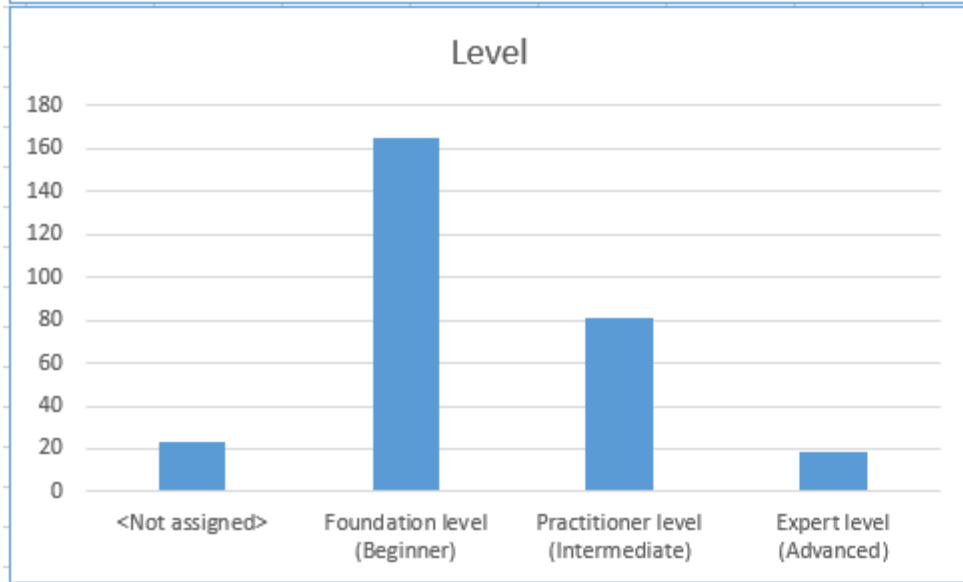
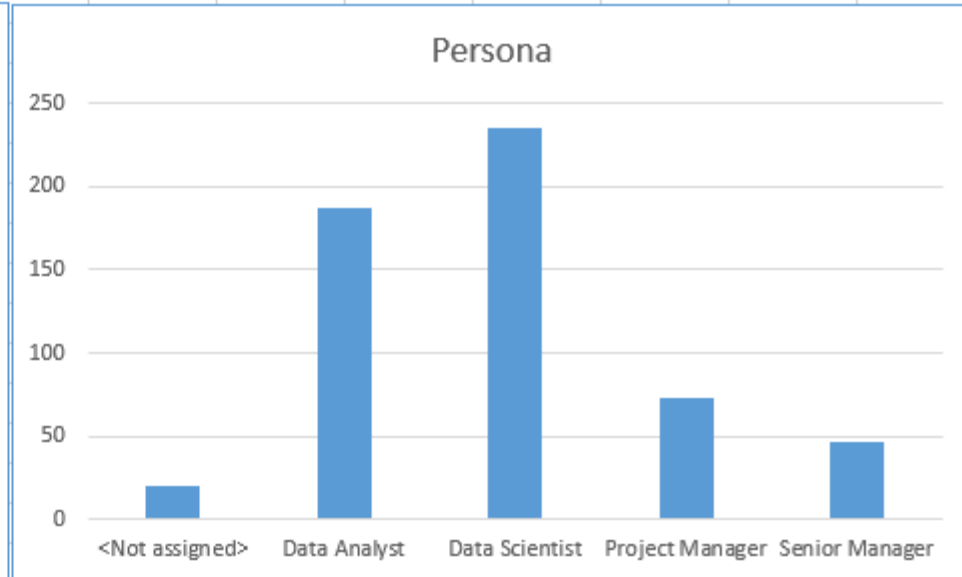
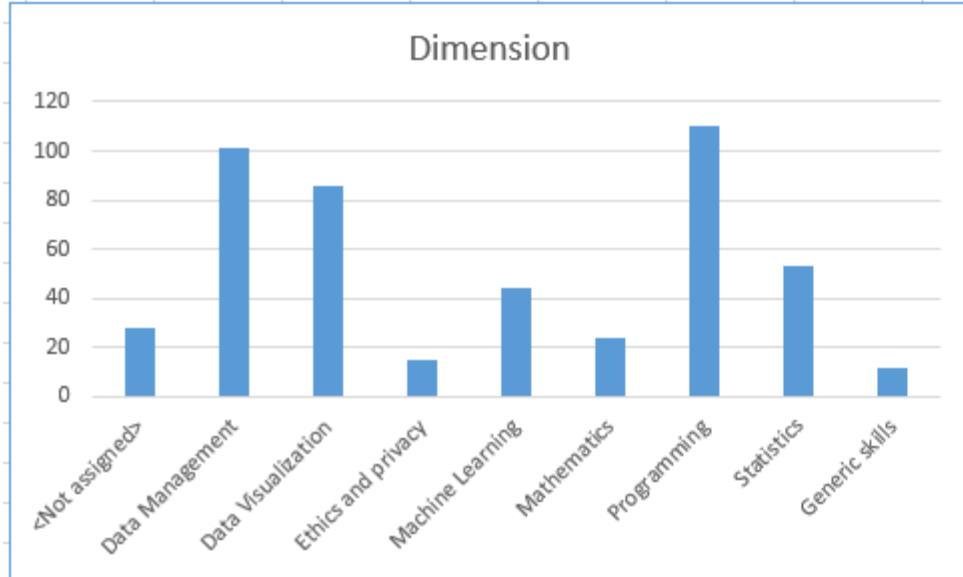
Once you have filled out this personal profile and clicked Search, your results will appear in the "Course options" tab. From here you will be able to select courses for your personal profile.

How do we keep this up to date?

- New courses relevant to Big Data constantly appear
 - Targeted courses for specific data sources or specific applications
 - General courses addressing prerequisites
- Many course providers exist
- Our Task Team works on identifying new courses
- Users can recommend new courses to be included
- Users can evaluate courses

How do we keep this up to date?

- Use of this application will also show us where demand exists and where more training resources are needed
- We count on everybody's cooperation !
- What kind of courses do we cover now?
 - Currently we are reviewing and amending information



Useful links

- [UN Task Team on Training, Competencies and Capacity Development website](#)
- [Big Data Training catalogue](#)

Any Questions?