

Voluntarily Taking An Exam? Am I Crazy?

Insights on becoming a PPDM Certified  
Petroleum Data Analyst

Alex Ross, CPDA

11<sup>th</sup> August 2017

PPDM Perth Data Management Workshop

# Acknowledgements

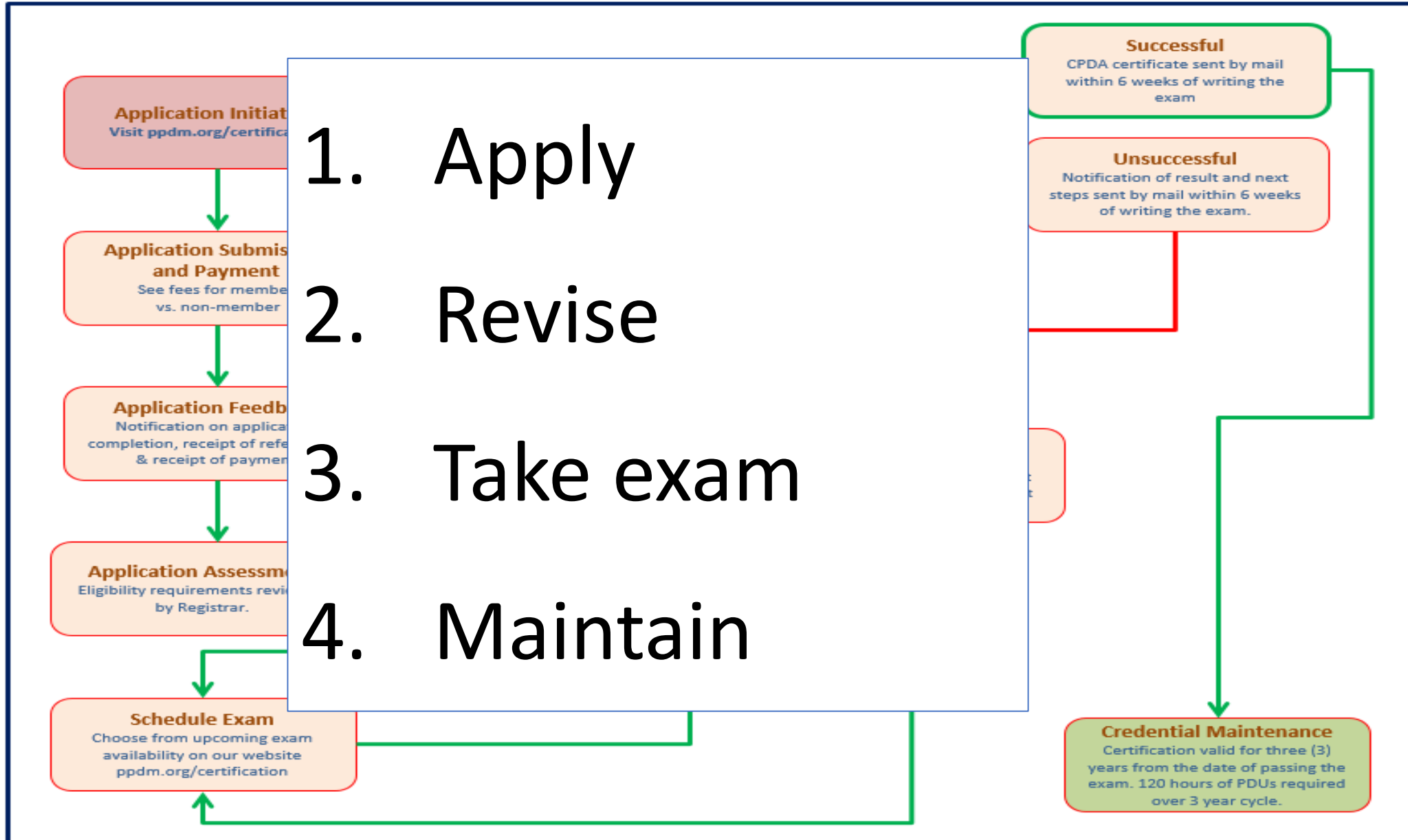
- Ingrid Kristel, PPDM
- Members of the PPDM Certification Committee
- Feedback from fellow CPDAs
- South Australian Government – Minerals & Energy Resources Division

# Motivations

Why would a middle aged geologist, who has worked pretty much all his career in oil & gas geoscience software, data and information, want to take another exam....didn't those finish when I completed university?



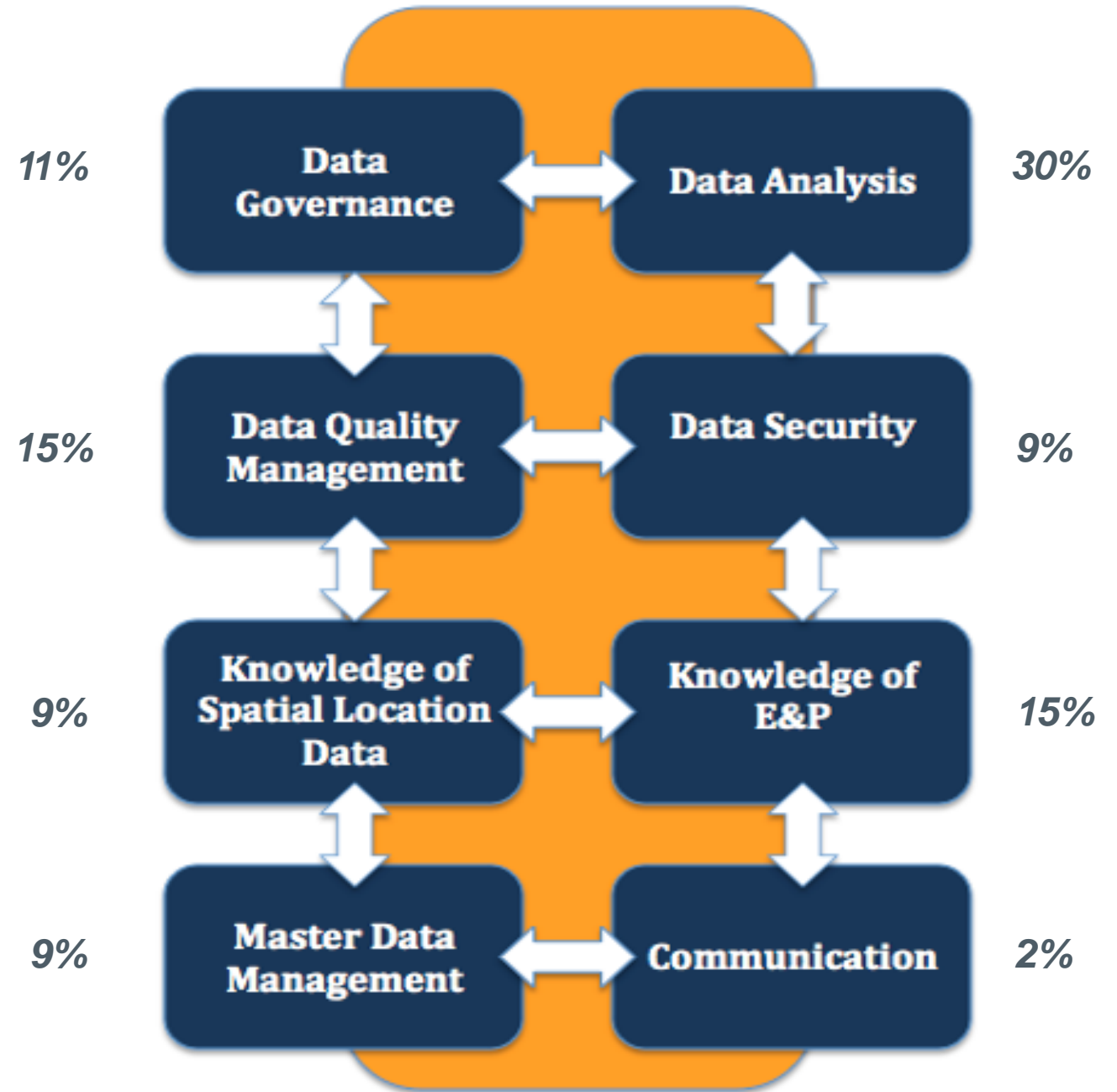
# CERTIFICATION PROCESS





# Revision

Demonstrated competency in 8 areas



# Revision

PPDM Certification [Handbook](#)

A must read!

VERSION: 1.1  
MARCH 18, 2015



## CERTIFICATION HANDBOOK CERTIFIED PETROLEUM DATA ANALYST (CPDA)<sup>TM</sup>

PROFESSIONAL PETROLEUM DATA MANAGEMENT ASSOCIATION  
#860, 736 8 AVENUE SW  
CALGARY, AB

# Revision

## Data Management Association ([DAMA](#))



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Data Management Overview

Data Governance

Data Architecture Management

Data Development

Data Operations Management

Data Security Management

Reference and Master Data Management

Data Warehousing and Business Intelligence

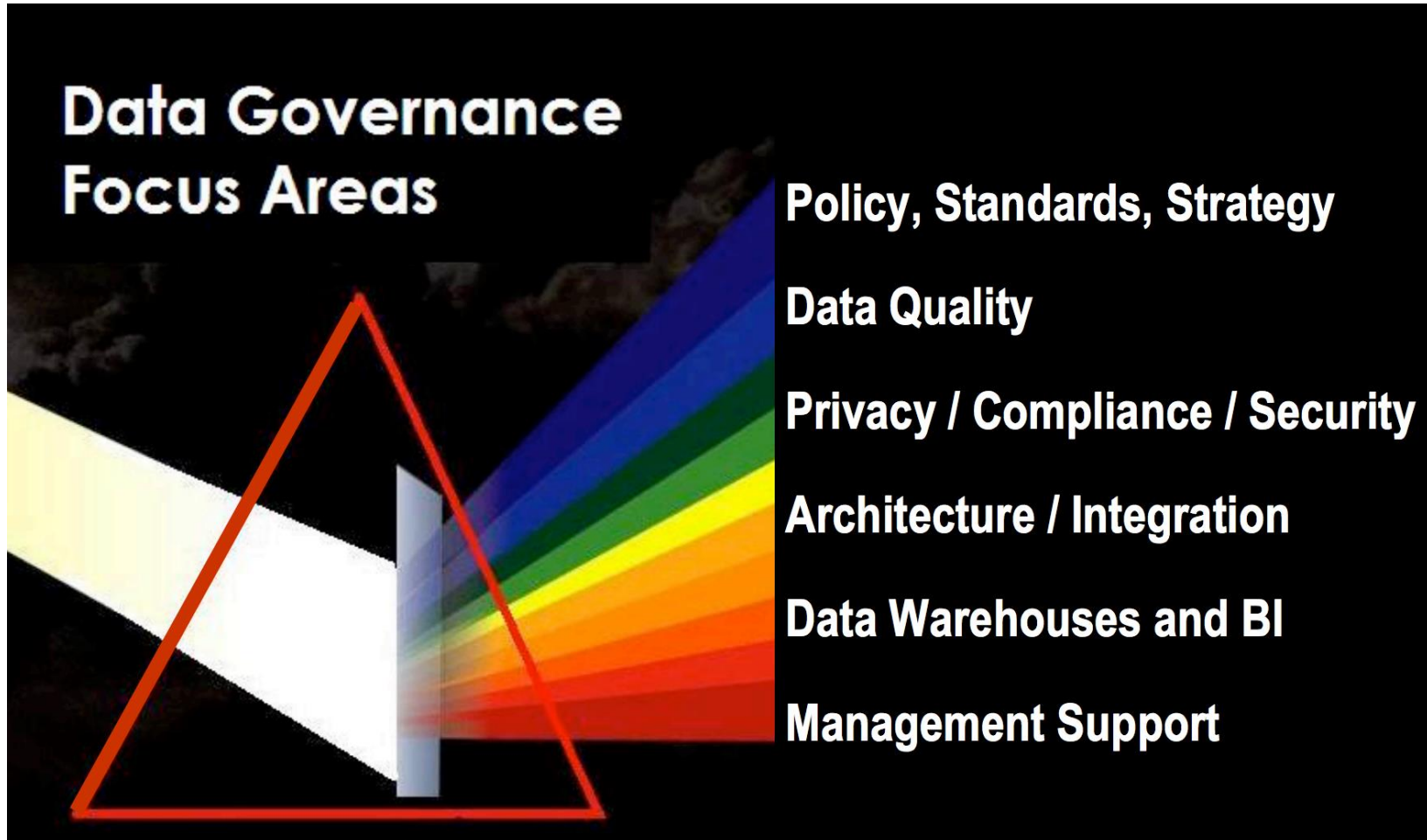
Document and Content Management

Meta-data Management

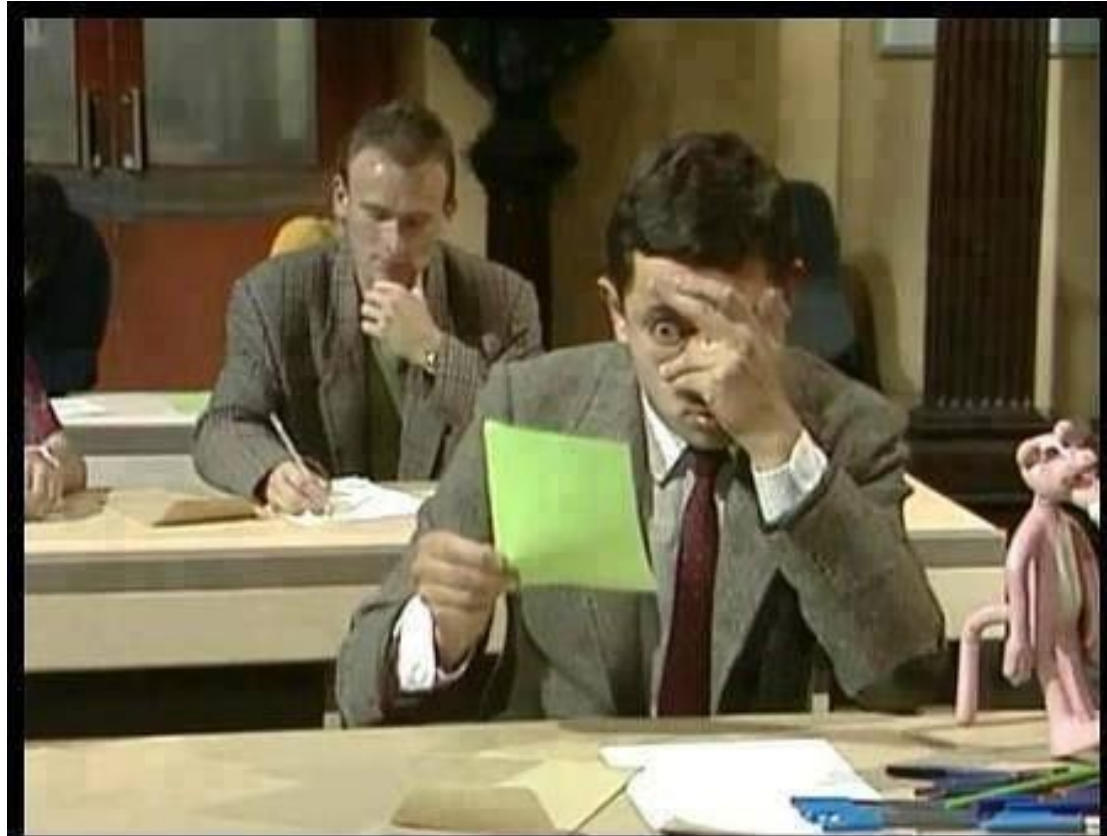
Data Quality Management

# Revision

## DGI Data Governance [Framework](#)



# The Exam



**My first reaction  
when I see  
the question paper**

# Exam Content

*200 multiple choice questions. 2 hours then 15 minute break, then 2 hours*



- **Big picture**
  - Overall lifecycles: Data, well, E&P
  - Multi-discipline: Geology, geophysics, engineering, land, data management, IT, geospatial
- **Specifics**
  - File formats
  - Wellhead configuration
  - Use of well log curves
  - Handling tight hole data
  - Scenarios (“What is the best thing to do here?”)

# Sample question

**In a joint operating agreement, which of the following describes an operator?**

- A) It has the largest percentage share.
- B) It performed the original exploration.
- C) It is in charge of the day-to-day operations.
- D) It owns the lease or license.

# Sample question

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- A) It has the largest percentage share.
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# Sample question

**Which of the following is an accurate sequence of dates for a well?**

- A) Permit date, spud date, rig release date, and completion date
- B) Spud date, permit date, rig release date, and completion date
- C) Spud date, permit date, completion date, and rig release date
- D) Spud date, rig release date, completion date, and permit date

# Sample question

**Which of the following is an accurate sequence of dates for a well?**

**A) Permit date, spud date, rig release date, and completion date**

B) Spud date, permit date, rig release date, and completion date

C) Spud date, permit date, completion date, and rig release date

D) Spud date, rig release date, completion date, and permit date

# Maintaining your certification

## PROFESSIONAL DEVELOPMENT UNITS (PDU)

### CRITERIA FOR PROFESSIONAL DEVELOPMENT UNITS

The required **120** units of professional development over 3 years must be related to petroleum data management, and will be evaluated on the following weighting:

- **Demonstration of skill enhancement - 80 %** (96 hours)

For example: education, training courses, etc.

- **Other professional development - 10 %** (12 hours)

Examples include volunteering, writing papers, mentorship, belonging to other organizations, presentations, panels, course building, or committee work.

- **Work experience - 10 %** (12 hours)

For example: updated CV/résumé as demonstration that you continue to work in the petroleum data management field, with one reference to validate.

# Outcomes



- Growing cadre of CPDAs worldwide
- Joined the PPDM Professional Data Management Committee

# CPDA PROFESSIONALS AROUND THE WORLD



## CPDA's Worldwide:

As of August 2017

43 CPDA qualified professionals  
in 9 countries

9 certified with distinction

None in Perth....so far

# If I did it again I'd....

- Spend more structured time revising
- Read more detailed 'how to' presentations from PPDM
- Repeat the Brisbane 'rocks & beer' PPDM field trip



In summary

**CPDA's are a growing cadre worldwide**

**With the right experience and commitment you too can do it**

**Follow your passion**

**Stand out from the crowd**

**Be proud of what you do**

**It's a professional career**

# Upcoming CPDA Exams

**November 8, 2017**

September 27, 2017 - Application Deadline

**March 7, 2018**

January 24, 2018 - Application Deadline

**June 6, 2018**

April 25, 2018 - Application Deadline

**November 14, 2018**

October 3, 2018 - Application Deadline



# For Further Information

PPDM [certification](#) overview

PPDM certification [handbook](#)

Questions to the PPDM certification registrar: [certification@ppdm.org](mailto:certification@ppdm.org)

# Thankyou

[alex@awrservices.com.au](mailto:alex@awrservices.com.au)

<http://awrservices.com.au/>

+61 434 569 936

LinkedIn <https://www.linkedin.com/in/alexross123>

# CPDAs as of August 2017

Name	City	Country	Credential	Earned	Status
Abu Bakar, Siti Zubaidah	Kuala Lumpur	Malaysia	CPDA	Mar 18, 2015	Active
Arumugam, Kamala Nathan	Kuala Lumpur	Malaysia	CPDA	Mar 18, 2015	Active
Broughton, Terence	Calgary, AB	Canada	CPDA	Mar 18, 2015	Active
Conner, Andrea	Yukon, OK	United States	CPDA	Mar 18, 2015	Active
Isinkaye, Olubunmi	Calgary, AB	Canada	CPDA	Mar 18, 2015	Active
Medic, Vesna	Calgary, AB	Canada	CPDA	Mar 18, 2015	Active
Perna, Daniel	Oklahoma City, OK	United States	CPDA	Mar 18, 2015	Active
Saudale, Everly	Houston, TX	United States	CPDA	Jun 17, 2015	Retired
Brown, Mary	Calgary, AB	Canada	CPDA	Jun 17, 2015	Active
Aturamu, Michael	Calgary, AB	Canada	CPDA	Jun 17, 2015	Active
Hicks, David	Houston, TX	United States	CPDA <i>with Distinction</i>	Jul 24, 2015	Active
Hughes, Robert Bryan	San Francisco, CA	United States	CPDA <i>with Distinction</i>	Oct 14, 2015	Active
Maharaj, Lurlynn Poonam	Rousillac	Trinidad	CPDA	Oct 14, 2015	Active
Ross, Alexander Watt	Wattle Park	Australia	CPDA	Oct 14, 2015	Active
Chester, Stuart John	Farnborough	United Kingdom	CPDA	Oct 14, 2015	Active
Khatib, Awwab Nadir	Ahmadi	Kuwait	CPDA	Oct 14, 2015	Retired
Bassett, Alina Narsida	Calgary, AB	Canada	CPDA	Oct 14, 2015	Active
Sorrell, Aaron Lee	Anchorage, AK	United States	CPDA	Oct 14, 2015	Active
Edgar, Mark Henry	Midland, TX	United States	CPDA	Oct 14, 2015	Active
Myers, Peter Tyson	OKC, OK	United States	CPDA	Oct 14, 2015	Active
Mills, Monica	The Woodlands, TX	United States	CPDA	Mar 16, 2016	Active
Seeling, Amy	Fort Worth, TX	United States	CPDA	Mar 16, 2016	Active
Mahfouz, Tarek	Ahmadi	Kuwait	CPDA	Mar 16, 2016	Retired
Wenzel, Karl	Oklahoma City, OK	United States	CPDA	Mar 16, 2016	Active
Holmes, David	Guildford	United Kingdom	CPDA <i>with Distinction</i>	Mar 16, 2016	Active
Afolabi, Abimbola	Calgary, AB	Canada	CPDA	Jun 15, 2016	Active
Krishnappa, Prashanth	Houston, TX	United States	CPDA	Jun 15, 2016	Active
Fatsura, Nia	Houston, TX	United States	CPDA	Jun 15, 2016	Active
Bodemeh, Lucky	Calgary, AB	Canada	CPDA <i>with Distinction</i>	Nov 2, 2016	Active
Payro, Cesar	Calgary, AB	Canada	CPDA	Nov 2, 2016	Active
Gomez, Orfelina	Calgary, AB	Canada	CPDA	Nov 2, 2016	Active
Jones, Craig	New Plymouth	New Zealand	CPDA <i>with Distinction</i>	Nov 2, 2016	Active
Davies, Jo-Anne	Adelaide	Australia	CPDA	Nov 2, 2016	Active
Weir, Jennifer	Calgary, AB	Canada	CPDA	May 10, 2017	Active
Willis, David	Irving, TX	United States	CPDA	May 10, 2017	Active
Foss, Susie	Denver, CO	United States	CPDA <i>with Distinction</i>	May 10, 2017	Active
Stacy, Bart	Katy, TX	United States	CPDA <i>with Distinction</i>	May 10, 2017	Active
Wick, Jenifer	OKC, OK	United States	CPDA <i>with Distinction</i>	May 10, 2017	Active
Prado, Carmen	Calgary, AB	Canada	CPDA	May 10, 2017	Active
Ribera, Nora	San Isidro	Argentina	CPDA	May 10, 2017	Active
Carciente, Elias	Calgary, AB	Canada	CPDA <i>with Distinction</i>	May 10, 2017	Active
Watkins, Leiser	Houston, TX	United States	CPDA	May 10, 2017	Active
Webb, Laci	OKC, OK	United States	CPDA	May 10, 2017	Active