```r
library(dplyr)

rladies_global %>%
  filter(city == 'London')
```


DATA SCIENCE CV TIPS

Hello!

Grace Meyer

Senior Data Scientist at Mango Solutions, before this I led an analytical team at Etihad Airways. Have interviewed over 30 people and have viewed over 300 CVs!

WHAT IS A CV FOR?

TO GET YOU AN INTERVIEW

How your CV
will be used

- Will be passed through recruiters/HR/hiring manager

- At this point they are deciding whether to have you take a first interview

- They will read the first half page- if they don't see key links to their role they won't read on

How your CV
will be used

- If they see key links- they will read on to check for fit (most never reach the end of page 2)

- If you are successful- your CV will be printed (usually A4 black and white) and brought to the interview

- You will probably be asked to go through your CV as a way of asking you about yourself

CV
Basics

- **No more than 2 pages**
- **ALWAYS** get someone to review for spelling and formatting mistakes, especially if you are ESOL

- No details that are illegal to bias on in the UK (photo, age)
- Must be formatted to print on A4 black and white
- Readable- 12pt font, white space

- No career objective!

General
Format

- Name and Details
- Personal Profile
- Education
- Work Experience
- Skills
- Awards/Volunteering/Special Mentions

- Hobbies?

CHANGE TO SUIT YOUR STRENGTHS

My CV
Format

- Name and Details
- Personal Profile
- Education & Awards
- Skills

For me this is ½ page

- Work Experience/Volunteering

This starts on 2nd half of page 1

General
Language

- I personally prefer 1st person but try not to say "I" too much

Personal
Profile

- 3-4 full sentences
- What type of person you are
- What you like working on/working style
- Your career focus to date
- What you want your next role to be

(good for career change reasons)

My Personal
Profile

Capable, motivated and tenacious, I am experienced in the implementation of data science best practise to provide insights to guide business decisions over multiple industries. My career includes consulting to utilities implementing optimisation software and internal analytics leadership for a high growth airline.

I have proven success in gaining buy-in for analytical results from stakeholders, transforming insights into strategy & actionable recommendations and supporting culture change for data-driven systems.

Education
Profile

- If degree is for a non-obvious then pull out relevant skills or topics covered

- For higher education treat the same as a work entry with a description of what your project was and its results

- Pull out skills specific to this role (package building/visualisations, PM)

Work
Experience

- If company is not well known or self explanatory-
1 sentence on what the company does

- 1 sentence on what your role was

- Bullet points of achievements starting with an active verb

- Explain large breaks between roles (You must have done something!)

Helpful
Verbs

▪Led, managed, developed, designed, implemented, collaborated, measured, created

▪Use the internet and thesauruses

Demonstrated Facilitated Negotiated Completed Delegated Won Launched Accomplished Maintained Achieved Developed Conducted Directed

Evaluated Supervised

Demonstrated Facilitated Negotiated Completed Delegated Won Launched Accomplished Maintained Achieved Developed Conducted Directed

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20 POWERFUL
RESUME WORDS

to get you hired faster

ADVANCED	NEGOTIATED
ASSIGNED	ORGANIZED
COLLABORATED	PIONEERED
DEVISED	PRESENTED
ENHANCED	QUANTIFIED
EXCEEDED	REVIEWED
GENERATED	STRENGTHENED
IMPLEMENTED	SURPASSED
INCREASED	TRAINED
INNOVATED	UPGRADED

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One of my
Work Experiences

▪**Identify and Quantify New Partnerships:** Conducted market analysis to identify gaps in the partnership proposition and new airlines complementing Etihad strategy. The potential worth of each partnership was then forecasted and if significant they were targeted for relationships.

Matching to Each
Job Description

- Read JD
- Break JD into key responsibilities
- Prioritise key responsibilities
- Tailor Personal Profile to "hit" key points

- If you are applying different types of roles, develop different "flavoured" CVs i.e. analyst, machine learning, consulting . . .

Matching to Each
Job Description

Expedia- Data Science 2

The Role
- Working with product and technology groups across the company to enable the adoption of algorithms across the website.
- Develop, maintain and support the ranking and recommendation algorithms used on the Hotels.com website to directly drive conversion and gross profit for the company.
- Perform A/B test design, implementation and analysis on the website in order to determine the effectiveness of our efforts.
- Assist with counter fraud efforts, identifying anomalous behaviour and occurrences prior to loss events.
- Conduct research and development activities, data exploration and discovery, develop prototypes and proof of concepts.
- Stay up to date with the latest data science technologies and techniques and how they can be utilised throughout the organisation.
- Partner with data engineering teams to improve data as an asset of the business.
- Look for opportunities for insights/datasets/models/code to be used across other functions across the organisation.

Matching to Each
Job Description

Skills & Experience:

- Good experience in an analytical/algorithm/data/software development role especially in online ecommerce environments.
- Good SQL/data manipulation skills required including cleaning and managing data.
- Experience with statistics/machine learning packages such as Spark MLlib, Python (scikit-learn, pandas), R etc.
- Scripting/programming languages a plus (Scala, Python, R, Java etc.).
- Degree qualified in quantitative field such as Computer Science, Mathematics, Statistics, Machine Learning / AI
- Knowledge of test design, implementation and evaluation, with website A/B testing experience a plus.
- Real world experience with Internet scale data on a Hadoop or similar platform highly preferred.
- Experience with data visualisation tools and packages a plus.
- Willingness to work with unstructured, messy data.
- Self-starter and results orientated, able to work under minimal guidance.
- Intellectual curiosity and desire to learn new things, techniques and technologies.

Matching to Each
Job Description

<u>The Role</u>

▪Working with product and technology groups across the company to enable the adoption of algorithms across the website.

▪Develop, maintain and support the ranking and recommendation algorithms used on the Hotels.com website to directly drive conversion and gross profit for the company.

▪Perform A/B test design, implementation and analysis on the website in order to determine the effectiveness of our efforts.

▪Assist with counter fraud efforts, identifying anomalous behaviour and occurrences prior to loss events.

▪Conduct research and development activities, data exploration and discovery, develop prototypes and proof of concepts.

▪Stay up to date with the latest data science technologies and techniques and how they can be utilised throughout the organisation.

▪Partner with data engineering teams to improve data as an asset of the business.

▪Look for opportunities for insights/datasets/models/code to be used across other functions across the organisation.

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Matching to Each
Job Description

- *The Role*
- Hotels.com website
- to directly drive conversion and gross profit for the company. determine the effectiveness of our efforts. Improve data as an asset of the business. Algorithms to be used across other functions across the organisation

- Working with product and technology groups across the company to. Partner with data engineering teams.
- enable the adoption of algorithms across the website

- Develop, maintain and support the ranking and recommendation algorithms
- Perform A/B test design, implementation and analysis on the website
- Conduct research and development activities, data exploration and discovery, develop prototypes and proof of concepts.
- Look for opportunities for insights/datasets/models/code.
- Assist with counter fraud efforts, identifying anomalous behaviour and occurrences prior to loss events.

- Stay up to date with the latest data science technologies and techniques and how they can be utilised throughout the organisation.

Matching to Each
Job Description

▪*Skills & Experience:*

▪statistics/machine learning packages
▪Good experience in an analytical/algorithm/data/software development role
▪Good SQL/data manipulation skills
▪Knowledge of test design, implementation and evaluation, with website A/B testing experience a plus.
▪Internet scale data Hadoop
▪data visualisation

▪Potential tools: Spark MLlib, Python (scikit-learn, pandas), R etc. (Scala, Python, R, Java etc.).

▪Willingness
▪to work with unstructured, messy data. = Adaptable/flexible
▪Self-starter and results orientated,
▪minimal guidance.
▪Intellectual curiosity and desire to learn new things, techniques and technologies.

Matching to Each
Job Description

- *Key words you need:*

- One sentence on your drive/willingness/curiosity
- Business results
- Collaborating across the business

- Algorithms, potentially in development role
- SQL data mining, potentially on big data platform
- Test design
- Data viz

Skills/Awards
Volunteering/Publications

- What fits the role most?
- Link skills to your experience bullet points if possible

- Languages are important (could be in details too)

Other
Considerations

- Put down visa status if you are easy (i.e. EU cit?)
- Git link?
- Does it match with your LinkedIn?

- Stick to your values- they may want unicorns, but you can offer great skills

Finding other
CV Inspiration

▪data scientist (intitle:resume OR inurl:resume) -job -jobs -sample -samples