

How will automation make our jobs easier?

•
Dr. James Smith

•
17 January 2020



Automation

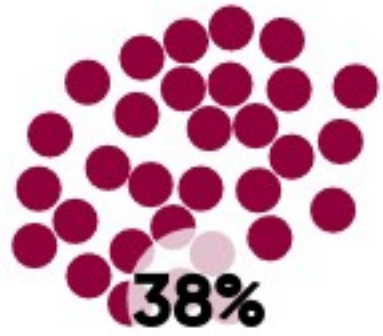
- Automation is common in many sectors, e.g. finance, logistics, manufacturing & retail
- Project Delivery is a late adopter [laggard]
- So what is *automation* about?
- How will it impact the project profession/affect you?
- James will explain ...



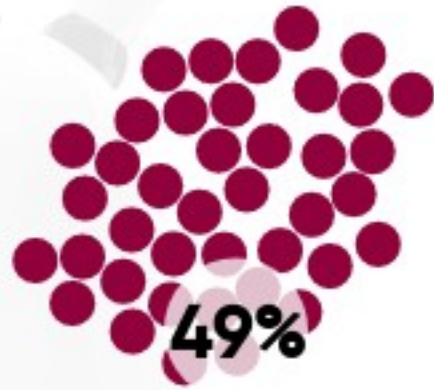
Dr. James Smith

- CTO: Projecting Success
- Responsibility: full stack development, Data Science & AI
- Passion: transforming project management
- Adept: at Power BI, python & machine learning

What type of project-related job role do you typically perform?



Project Leadership [Senior Management, Director etc.]



Project Delivery specialist



Business Analysis & Change Specialist [e.g. BCM, Benefits Manager]



Data Analyst/Scientist

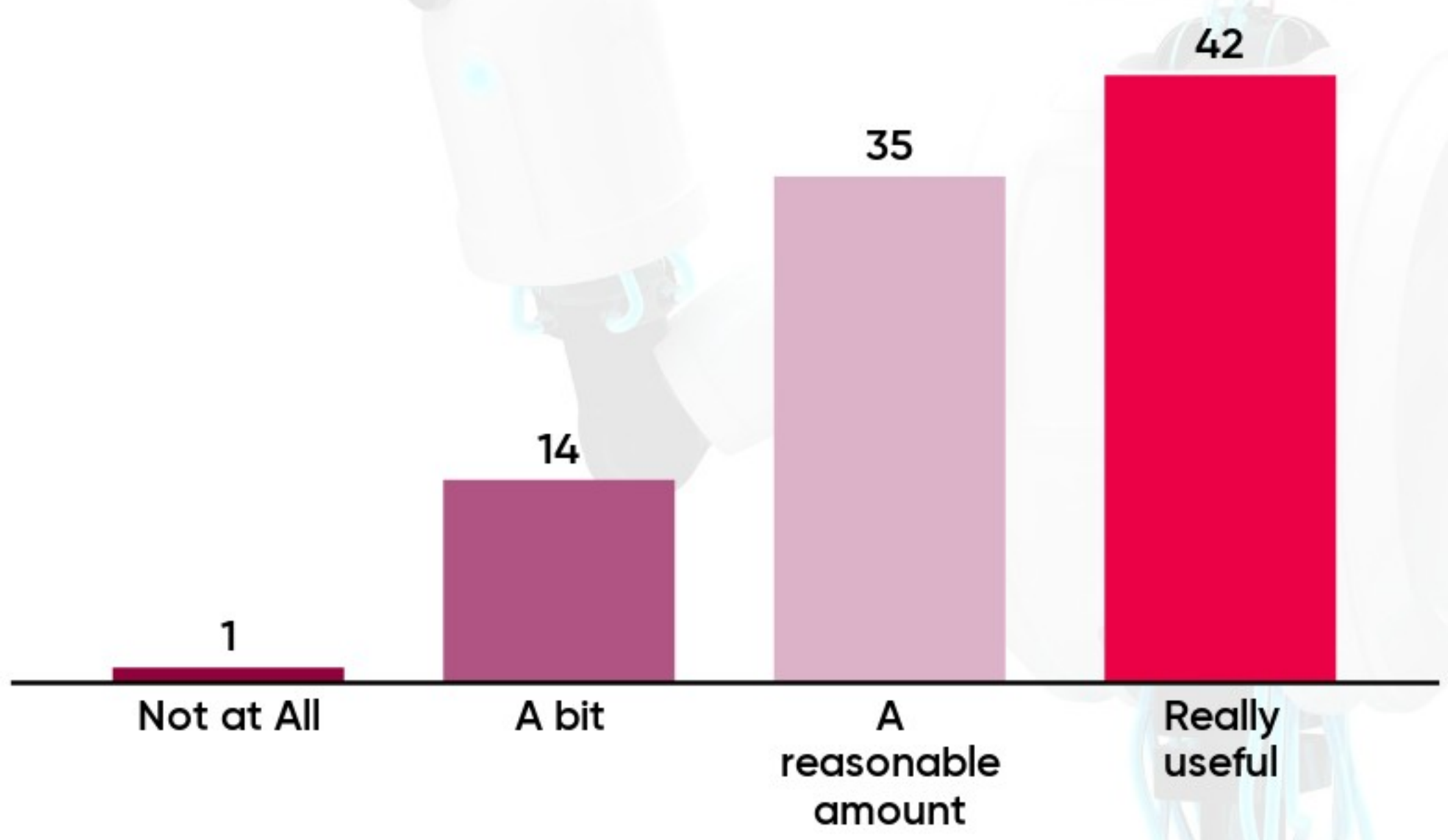


Student



Non-project related

Do you think that automation will be useful in your organisation?



What are/will be the benefits of project work automation to you personally?

Time saving

Efficiency

less errors

saving time

waste reduction

None

Efficiency

Time saving

Time & Costs,

What are/will be the benefits of project work automation to you personally?

efficiency

reduce depressing monotonous tasks

Efficiency

time saving

Some reduction in time spent

Allow me to be more creative

Save time. Improve accuracy.

more time to innovate

better delivery to customers

What are/will be the benefits of project work automation to you personally?

efficiency

Data gathering and tracking

Speed, Accuracy,

Good data for analysis

Time saving

time saving, more accurate information

Streamlining the process driven activities

Removal of tedious tasks

efficiency time saving

What are/will be the benefits of project work automation to you personally?

less boring tasks

energy

Free up time

better deployment of resources

It saves time and money. We are all for efficiency at the end of the day.

Reducing admin burden

Not much, can't afford tech

time saving

More effective project teams and reduced overheads

What are/will be the benefits of project work automation to you personally?

Saving time and money.
Increasing efficiency. Better
value for my clients.

Greater focus on priorities

saving time more timely data
better reporting better
engagement from project
managers

Analysis

accuracy

Perhaps improved accuracy

Use a bot instead of employing
more people

Less mundane work

Time saving, allow the team to
focus on 'thinking' tasks

What are/will be the benefits of project work automation to you personally?

better service to customers

accuracy

Time saving

Saved time

Free up time for us to focus on value add activities

happier staff

Once I get to grips with the technology (Flow) it'll help with some of the repetitive tasks that occur on projects

Less effort and time to complete task with longer duration

better information, more quickly

What are/will be the benefits of project work automation to you personally?

Savings in time and effort, accurate reporting, greater efficiency

less dull process tasks, more time for interesting tasks

reducing risk of errors

efficiency

More strategic, less time taken up with mundane administration

accuracy

Safety

Ability to focus on complex issues

Reduce mistakes and ultimately prevent payment bottlenecks

What are/will be the benefits of project work automation to you personally?

PMO regular reporting / admin functionality

reporting

improved accuracy

Consistency, less stress, more time to focus on key tasks

Governance

More time to spend connecting with people and building relationships

Reduced time on processing

Less time manipulating in excel

Efficiency Accuracy

What are/will be the benefits of project work automation to you personally?

Quicker time to delivery.
Cheaper to produce a product. Less/no mistakes made.

More time to do what we enjoy!

A new view on benchmarking

GDPR compliance

reduced tedium

reporting, finance tracker updates, newsletters

Improved Efficiency

To reduce the boring tasks - so I'm able to concentrate on the more difficult/bespoke ones

Internal resource cost

What are/will be the benefits of project work automation to you personally?

cost saving

Able to focus on the real job

More spare time to do more value add

Transparent, Fast, Accurate, Robust and Cost effective

Accurate and timely updates

Daily tasks slicker, though possibly limited in my organisation

Reporting being more efficient

Ability to generate project status and highlight reports.

Will now consider areas of project management which could benefit from automation

What are/will be the benefits of project work automation to you personally?

Speed, accuracy, insight

Automation of engineering programme data to generate reports for stakeholders and develop program views to enable decision making

Consolidation of repetitive activities

efficiency

Saving time

Time saving, efficiency, less administrative, enable focus on larger tasks that wouldn't require automation

Hopefully increase of staff time management and efficiency - although some may question if implementing/managing automation will require time consumption.

Upskilling employees

highlight issues we may have missed due to focus on generating data/reports

What are/will be the benefits of project work automation to you personally?

Safety would be very quick to act on and analysis could be improved

excellent service

Consistency

* increased accuracy and speed of mundane tasks. *
increased timeliness of data to better act on. *
improved competitiveness

less stress

better focussed reporting

More fun!

Less time doing repetitive tasks

Better MI information, more enjoyment, real time information and more productive

What are/will be the benefits of project work automation to you personally?

less headaches

Analysis and improving process

Timesaving

digital skills

Cost saving

Delivery notes being processed more effectively

Project reporting accuracy

Probably can be used to assist with risk management and profiling.

job satisfaction

What are/will be the benefits of project work automation to you personally?

Better chance of meeting deadlines

ok

Process wind production farm data

I will build the automation approach shared in my thinking on the next generation of benchmarking - facilitating very early intervention

Produce quarterly newsletters

Create an IT department



James Smith PhD

CTO at Projecting Success



Q & A

- Submit your questions via GoToWebinar
- jamesmith@projectingsuccess.co.uk
- LinkedIn: James Smith PhD

Reflective Practice: What have you learned or what will you do differently as a result of attending this session?

Identify existing processes that can be automated

Speak to our PMO about automating our highlight reporting

Play around with UI Path

Start playing with UiPath to start automating tasks

Identification of clear candidates for automation

Keep eyes open for opportunities to use

Review my daily tasks to see what I can try to automate (upskill myself and save time!)

Not do anything differently, as already have RPA for process implementation

more exposure

Reflective Practice: What have you learned or what will you do differently as a result of attending this session?

Build a bot!

as do daily tasks, ask if could be more efficient (with or without automation)

Try and talk to the management to invest into automation.

review automation application in my business

More knowledge and understanding

List all potential automated activities and talk to IT

Learn more about rpa

automation is the future

Confidence to encourage my organisation to adapt automation

Reflective Practice: What have you learned or what will you do differently as a result of attending this session?

Enable my team to get more informed on available options

Enquire across the company who is best placed to initiate conversations around automation

Investigate UI Path and speak to management

Increased awareness that i can convey to the business i might be able to create some demo processes

understand the process

Find ways to apply automation to our practices

Discuss with our IT partner from a feasibility point of view

Now have ideas to focus on to look at what can be automated and learn how best to enact some change

Start teaching myself UI Path, Power BI, and Python

Reflective Practice: What have you learned or what will you do differently as a result of attending this session?

Look for other ways to update my digital skills and incorporate into reporting

understand the impact that automation can have, more awareness of UI Path

consider who in organisation could advise/be involved

insights on AI

Review within my organisation where automation would benefit each business unit

Definitely some Flow/Power Automate training

Play with UIPath!

I would look into the application to see how these could be useful for my job and similar areas in the company.

I will look into whether the reporting of records of events on site could be automated

Reflective Practice: What have you learned or what will you do differently as a result of attending this session?

Building a bot to scrape data into different formats

Interested to research further on automation/bot and compatibility/conflict with IT security/compliance.

Rethink what is a repetitive task at the moment.

Would like to know about project management automation, ie to actually help project managers on their role/ processes

Learned some of the ways that automation tools can help with my role. I will now explore how this can help me by looking into Flow to assist with my mundane tasks

Look for automating process in the Banking Sector. Automating the Pin dispatch process through Secured email and SMS services

Identify time consuming processes across the business and highlight to management

The creative uses for automation. I'll look into using something similar, though I will be limited in programmes.

Share what I've learnt with colleagues

Reflective Practice: What have you learned or what will you do differently as a result of attending this session?

review processes and identify the gaps

Think about what I could automate in my daily tasks.

automation is essential

Proactively consider automation in how I plan projects, particularly those projects that use multiple and unstructured data sources. Have a look at software discussed today.

investigate options with IT

Learn more about bots and look to understand how to get involved more. I want to build a bot now...lol.

Provide info to our BIM team, learn more

Audit my processes for potential automation.

Take some of the learnings back into business. Increase my knowledge in automation

Reflective Practice: What have you learned or what will you do differently as a result of attending this session?

Start playing with UiPath and highlight which processes I could potentially automate prior so that I can discuss with the IT department

The significant impact on the way we carry out our future business. I want to learn more.

Raise the benefit of automation to Management Team

Put case together for using RPA

Learn more about python and play around with UI path. Try to get into an automation meetup.

Coming soon ... 4 Top-notch events

22 Jan: Project Data Analytics Meetup

•
7/8 March: Hackathon

•
17 February: Webinar

•
12 March: Programme Management Conference

LONDON *Meetup*

HYPE OR REALITY:
PANEL INSIGHTS INTO THE
IMPACT OF PROJECT DATA
ANALYTICS

Panel members include:
SRM, Thames Water, OGTC, UCL



Project Data
Analytics

Weds 22nd January 2020

18:00-20:30

G.12, 22 Gordon St, UCL

WC1H 0QB

Free entry, pizza & drinks



CHARTERED BODY
PROJECT PROFESSION



Sir Robert
McALPINE



Project
Management
Institute.
United Kingdom

Project:Hack5

7th-8th March 2020

Microsoft Reactor, London

Microsoft
Reactor



Project Data
Analytics

Leveraging advanced
data analytics to
transform project
delivery

PROJECTING
SUCCESS

Sir Robert
McALPINE

PMO
Learning

eventbrite



4

A guide to using a benefits management framework

Improve organisational capability by ensuring the right projects support your strategic objectives

Webinar | Hugo Minney | Merv Wyeth | 17 Feb 2019



5





Programme Management Conference

The art & science of Programme Management

12 March

ThinkTank Science Museum,
Birmingham

