

Deployed Agency-wide (Yes)

Automation Code Exportable to Other Agencies (Yes)

Seeking Partner Agencies (No)

Automation Name	Market Research Bot
Implementing Agency	National Science Foundation (NSF)
Description of Automation	<p>This bot retrieves information from the Federal Procurement Data System (FPDS) for market research purposes. The bot takes three pieces of information: First, it takes a "start date" which tells the bot how far back from today's date you would like it to look. Second, it takes a NAICS code. This is the NAICS code for which you are doing market research for. Third, it asks you for your email address. The bot then returns, via email, a spreadsheet of all the contract actions back to the date you entered in that NAICS code. After doing some basic sorting using a pivot table, a contracting officer can use the results as a springboard for market research. The information returned includes the small business status so the results can be sorted by small business.</p>
Type of technology used	Robotic Process Automation (RPA)
Benefits of Use	<p>The benefits of the use of the market research include the following:</p> <ul style="list-style-type: none">• Labor hours saved/redirected• Increases capacity of staff to perform higher value work

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	<ul style="list-style-type: none">• Eliminates cumbersome repetitive manual tasks• Helps to identify prospective small businesses to participate in agency procurements• Reduced process/cycle time• Increased compliance and audit readiness
Automation Status	In production and deployed agency-wide
Agency ATO Completed	No
Is the automation and/or automation code available for use by another agency?	Yes, the automation/application code can be made available for use by other agencies.
Primary Data Sources	The FPDS is the data source for this automation.
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