

# Homework 2

MSAN 697, Diane Woodbridge

Due : Nov 17<sup>th</sup> (Midnight (PST) )

## Description

Given input file, “walmart\_search\_san\_francisco.json” (Merchandise information containing “San Francisco”), complete the python scripts to answer Q1-Q3 (hw2\_main.py, mongodb\_query.py). \*Do not add additional libraries or change the function definition. Submit the .zip file- the name of your zipped file should be **MSAN697 HW2\_LastName\_Firstname.zip** on Canvas.

Q1. (15%)

- Complete “import\_query ()” function (mongodb\_query.py) to import the entire document from walmart\_search\_san\_francisco.json to the given collection.

Q2. (50%)

- Write a code to add a field called ‘qty’ and its value being the last 2 digits of its ‘itemId’ to the document in the given collection.

Q3. (25%)

- Write a code to find the first ‘MLB Women's San Francisco Giants Short Sleeve Tops’ in the given collection.

Q4. (10%)

- You can collaborate up to 3 people together. (No penalty, if it’s an individual work.)
- Show how diverse your team is. List collaborators and each member’s task.

## OUTPUT

```
ML-ITS-603436:Answer_Code dwoodbridge$ python hw2_main.py
2016-11-09T23:03:34.200-0800    connected to: localhost
2016-11-09T23:03:34.395-0800    imported 1 document
{'u'items': [{'u'marketplace': False, 'u'imageEntities': [{'u'entityType': 'PRIMARY', 'u'thumbnailImage': 'u'https://i5.walmartimages.com/asr/327d9211-b6-4638-95eb-bd5641e95778_1.78ed739c16fbd5b15b393fde7f2cd3a.jpeg?odnHeight=100&odnWidth=100&odnBg=FFFFFF', 'u'largeImage': 'u'https://i5.walmartimages.com/asr/327d9211-e4b6-4638-95eb-bd5641e95778_1.78ed739c16fbd5b15b393fde7f2cd3a.jpeg?odnHeight=450&odnWidth=450&odnBg=FFFFFF', 'u'mediumImage': 'u'https://i5.walmartimages.com/asr/327d9211-e4b6-4638-95eb-bd5641e95778_1.78ed739c16fbd5b15b393fde7f2cd3a.jpeg?odnHeight=180&odnWidth=180&odnBg=FFFFFF'}]}, {'u'qty': 60, 'u'productUrl': 'u'http://c.affil.walmart.com/t/api02?l=http%3A%2F%2Fwww.walmart.com%2Fip%2FMLB-Womens-San-Francisco-Giants-Short-Sleeve-Top%2F50732860%3Faffp1%3DM3RrNf7GKrFBhZrI378gcbn9B-JsXpgqzag3Nhnuu_s%26affilsrc%3Dapi%26veh%3Daff%26wmlspartner%3Dreadonlyapi', 'u'addToCartUrl': 'u'http://c.affil.walmart.com/t/api02?l=http%3A%2F%2Faffil.walmart.com%2Fcart%2FaddToCart%3Fitems%3D50732860%257C1%2526affp1%3DM3RrNf7GKrFBhZrI378gcbn9B-JsXpgqzag3Nhnuu_s%26affilsrc%3Dapi%26veh%3Daff%26wmlspartner%3Dreadonlyapi', 'u'shippingPassEligible': True, 'u'modelNumber': 'u'WJC-0626', 'u'mediumImage': 'u'https://i5.walmartimages.com/asr/327d9211-e4b6-4638-95eb-bd5641e95778_1.78ed739c16fbd5b15b393fde7f2cd3a.jpeg?odnHeight=180&odnWidth=180&odnBg=FFFFFF', 'u'productTrackingUrl': 'u'http://linksynergy.walmart.com/fs-bin/click?id=|LSNID|&offerid=223073.7200&type=14&catid=8&subid=0&hid=7200&id=1082&RD_PARM1=http%253A%252F%252Fwww.walmart.com%252Fip%252FMLB-Womens-San-Francisco-Giants-Short-Sleeve-Top%252F50732860%253Faffp1%253DM3RrNf7GKrFBhZrI378gcbn9B-JsXpgqzag3Nhnuu_s%2526affilsrc%253Dapi', 'u'stock': 'u'Available', 'u'categoryNode': 'u'4125_1063984_1063985', 'u'giftOptions': {'u'allowGiftWrap': False, 'u'allowGiftMessage': True, 'u'allowGiftReceipt': True}, 'u'largeImage': 'u'https://i5.walmartimages.com/asr/327d9211-e4b6-4638-95eb-bd5641e95778_1.78ed739c16fbd5b15b393fde7f2cd3a.jpeg?odnHeight=450&odnWidth=450&odnBg=FFFFFF', 'u'parentItemId': '50732860', 'u'thumbnailImage': 'u'http://i5.walmartimages.com/asr/327d9211-e4b6-4638-95eb-bd5641e95778_1.78ed739c16fbd5b15b393fde7f2cd3a.jpeg?odnHeight=100&odnWidth=100&odnBg=FFFFFF', 'u'bundle': False, 'u'longDescription': 'u''MLB Women's San Francisco Short Sleeve Top:88% polyester, 12% cottonTeam graphic on frontV-neckShort raglan eevesRelaxed fitStraight hemMachine wash', 'u'standardShipRate': 5.97, 'u'categoryPath': 'u'Sports & Outdoors/Sports Fan Shop/Clothing Fan Shop/Clothing Fan Shop', 'u'itemId': '50732860', 'u'offerType': 'u'ONLINE_ONLY', 'u'name': 'u''MLB Women's San Francisco Giants Short Sleeve Top', 'u'upc': 'u'098084422', 'u'affiliateAddToCartUrl': 'u'http://linksynergy.walmart.com/fs-bin/click?id=|LSNID|&offerid=223073.7200&type=14&catid=8&subid=0&hid=7200&tmpid:82&RD_PARM1=http%253A%252F%252Faffil.walmart.com%252Fcart%252FaddToCart%253Fitems%253D50732860%257C1%2526affp1%253DM3RrNf7GKrFBhZrI378gcbn9B-JsXpgqzag3Nhnuu_s%2526affilsrc%253Dapi', 'u'salePrice': 19.96, 'u'availableOnline': True}], 'u'_id': ObjectId('58241bc68ae04b51d18304a6')}]
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