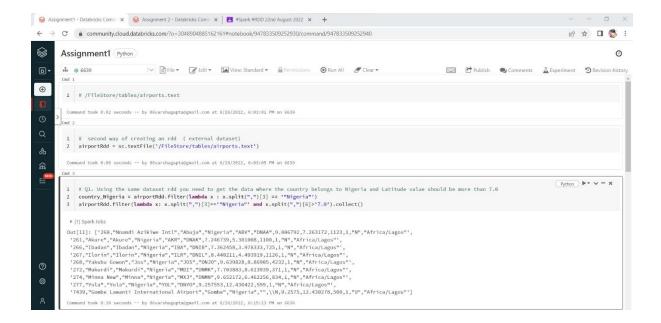
Task-18

Name: Varsha Gupta

Referral id: DIRSS3129

Q1. Using the same dataset rdd you need to get the data

where the country belongs to Nigeria and Latitude value should be more than 7.0 (here the 7.0 should be only and only float type in filter)



Q2. Using the same dataset rdd, try to filter the data where country belongs to Germany - Final result only take the airporld, airport Name

(means only 1st & 2nd column)

```
Cmd 4
            # Q2. Using the same dataset rdd, try to filter the data where country belongs to Germany - Final result only take the airporId, airport Name
            country_Germany = airportRdd.filter(lambda x : x.split(",")[3] == '"Germany"')
        4 country_Germany.map(lambda x : (x.split(",")[0],x.split(",")[1])).collect()
å
          ▶ (1) Spark Jobs
        Out[12]: [('317', '"Bautzen"'),
         ('318', '"Altenburg Nobitz"'),
          ('319', '"Dessau"'),
          ('320', '"Eisenhuttenstadt"'),
          ('322', '"Grossenhain"'),
          ('323', '"Merseburg"'),
          ('324', '"Halle Oppin"'),
          ('325', '"Riesa Gohlis"'),
          ('326', '"Rechlin Larz"'),
          ('327', '"Strausberg"'),
          ('328', '"Schonhagen"'),
          ('329', '"Barth"'),
          ('330', '"Jena Schongleina"'),
          ('331', '"Kyritz"'),
@
          ('332', '"Magdeburg"'),
          ('333', '"Rothenburg Gorlitz"'),
          ('334', '"Anklam"'),
0
          ('335', '"Cottbus Drewitz"'),
          ('336', '"Kamenz"'),
          ('337', '"Schonefeld"'),
          ('338', '"Dresden"'),
```

```
('339', '"Erfurt"'),
  ('340', '"Frankfurt Main"'),
 ('341', '"Munster Osnabruck"'),
 ('342', '"Hamburg"'),
 ('343', '"Tempelhof"'),
 ('344', '"Koln Bonn"'),
 ('345', '"Dusseldorf"'),
 ('346', '"Franz Josef Strauss"'),
 ('347', '"Nurnberg"'),
 ('348', '"Leipzig Halle"'),
 ('349', '"Saarbrucken"'),
 ('350', '"Stuttgart"'),
 ('351', '"Tegel"'),
 ('352', '"Hannover"'),
 ('353', '"Neuenland"'),
 ('354', '"Egelsbach"'),
 ('355', '"Frankfurt Hahn"'),
 ('356', '"Mannheim City"'),
 ('357', '"Allendorf Eder"'),
 ('358', '"Worms"'),
 ('359'. '"Mainz Finthen"').
('360', '"Eisenach Kindel"'),
('361', '"Siegerland"'),
('362', '"Hamburg Finkenwerder"'),
('363', '"Kiel Holtenau"'),
('364', '"Lubeck Blankensee"'),
('365', '"Dahlemer Binz"'),
('366', '"Meinerzhagen"'),
('367', '"Arnsberg Menden"'),
('368', '"Essen Mulheim"'),
('369', '"Bielefeld"'),
('370', '"Monchengladbach"'),
('371', '"Paderborn Lippstadt"'),
('372', '"Stadtlohn Vreden"'),
('373', '"Dortmund"'),
('374', '"Augsburg"'),
('375', '"Biberach An Der Riss"'),
('376', '"Eggenfelden"'),
('377', '"Mindelheim Mattsies"'),
('378', '"Oberpfaffenhofen"'),
('379', '"Straubing"'),
('380', '"Vilshofen"'),
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```
('381', '"Leutkirch Unterzeil"'),
('382', '"Friedrichshafen"'),
('383', '"Schwerin Parchim"'),
('384', '"Stendal Borstel"'),
('385', '"Aalen Heidenheim Elchingen"'),
('386', '"Bayreuth"'),
('387', '"Burg Feuerstein"'),
('388', '"Hof Plauen"'),
('389', '"Hassfurt Schweinfurt"'),
('390', '"Koblenz Winningen"'),
('391', '"Trier Fohren"'),
('392', '"Speyer"'),
('393', '"Zweibrucken"'),
('394', '"Donaueschingen Villingen"'),
('395', '"Freiburg"'),
('396', '"Mengen Hohentengen"'),
('397', '"Schwabisch Hall"'),
('398', '"Finsterwalde Schacksdorf"'),
('399', '"Braunschweig Wolfsburg"'),
('400', '"Kassel Calden"'),
('401', '"Hildesheim"'),
('402', '"Bremerhaven"'),
('403', '"Emden"'),
('404', '"Leer Papenburg"'),
('405', '"Wilhelmshaven Mariensiel"'),
('406', '"Borkum"').
('407', '"Norderney"'),
('408', '"Flensburg Schaferhaus"'),
('409', '"Rendsburg Schachtholm"'),
('410', '"Westerland Sylt"'),
('750', '"Spangdahlem Ab"'),
('751', '"Ramstein Ab"'),
('752', '"Bamberg Aaf"'),
('753', '"Giebelstadt Aaf"'),
('754', '"Buckeburg"'),
('755', '"Celle"'),
('756', '"Rheine Bentlage"'),
('757', '"Fritzlar"'),
('758', '"Laupheim"'),
('759', '"Mendig"'),
('760', '"Niederstetten"'),
('761', '"Roth"'),
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```
('762', '"Fassberg"'),
 ('763', '"Grafenwohr Aaf"'),
 ('764', '"Hanau Aaf"'),
 ('765', '"Hohenfels Aaf"'),
 ('766', '"Kitzingen Aaf"'),
 ('767', '"Nordholz"'),
 ('768', '"Diepholz"'),
 ('769', '"Geilenkirchen"'),
 ('770', '"Hohn"'),
 ('771', '"Jever"'),
 ('772', '"Laage"'),
 ('773', '"Norvenich"'),
 ('774', '"Schleswig"'),
 ('775', '"Wittmundhafen"'),
 ('776', '"Neubrandenburg"'),
 ('777', '"Wunstorf"').
 ('778', '"Vilseck Aaf"'),
 ('779', '"Coleman Aaf"'),
 ('780', '"Wiesbaden Aaf"'),
 ('781', '"Landsberg Lech"'),
 ('782', '"Buchel"'),
 ('783', '"Erding"'),
 ('784', '"Furstenfeldbruck"'),
 ('785', '"Holzdorf"'),
 ('786', '"Ingolstadt Manching"'),
 ('787', '"Lechfeld"'),
 ('788', '"Neuburg"'),
 ('789', '"Gutersloh"'),
 ('6888', '"Dusseldorf Hauptbahnhof"'),
 ('6841', '"Flugplatz Hoexter Holzminden"'),
 ('6840', '"Dinslaken Schwarze-Heide"'),
 ('6801', '"Lauf-Lillinghof"'),
 ('6831', '"Nastaetten"'),
 ('6830', '"Finsterwalde-Heinrichsruh"'),
 ('6798', '"Weser-Wuemme"'),
 ('3986', '"Allgau"'),
 ('4035', '"Cologne Railway"'),
 ('4036', '"Stuttgart Railway Station"'),
 ('4165', '"Flugplatz Merzbrueck"'),
 ('4166', '"Baden Airpark"'),
 ('4198', '"Niederrhein"'),
 ('6510', '"Zweibruecken"'),
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('4207', '"Sonderlandeplatz Norden-Norddeich"'),
 ('4208', '"Verkehrslandeplatz Juist"'),
 ('4324', '"Flugplatz Hoepen"'),
 ('4329', '"Riem"'),
 ('4332', '"Egelsbach"'),
 ('5559', '"Helgoland-Düne Airport"'),
 ('5558', '"Heide-Büsum Airport"'),
 ('5557', '"Heringsdorf Airport"'),
 ('6423', '"Guettin MecklenburgVorpommern Germany"'),
 ('6450', '"Tannheim"'),
 ('6489', '"Bienenfarm Airport"'),
 ('6518', '"DWEST"'),
 ('6522', '"Uetersen"'),
 ('6523', '"HLP1 HS-16"'),
 ('6524', '"HLP2 HS-16"'),
 ('6525', '"HLP HQ GT"'),
 ('6911', '"Wangerooge Airport"'),
 ('6910', '"Harle Airport"'),
 ('6975', '"Langeoog Airport"'),
 ('7047', '"Cuxhaven Airport"'),
 ('7132', '"Hamburger Hafen"'),
('7133', '"Flugplatz Fehmarn-Neujellingsdorf"'),
('7134', '"Nabern Teck"'),
('7298', '"Fussen"'),
('7303', '"Bochum Railway"'),
('7304', '"Fliegerhost "'),
('7305', '"Munich Railway"'),
('7306', '"Nuernberg Railway"'),
('7314', '"Augsburg Railway"'),
('7315', '"Mannheim Railway"'),
('7316', '"Essen Railway"'),
('7537', '"Mainz Finthen"'),
('7538', '"Wuerzburg"'),
('7539', '"Mainz"'),
('7540', '"Berlin Gatow"'),
('7541', '"Rheine Bentlage"'),
('7544', '"Hopsten Air Base"'),
('7707', '"Berlin Hauptbahnhof"'),
('7726', '"Linkenheim Airport"'),
('7784', '"Kaufbeuren BF"'),
('7785', '"Munich HBF"'),
('7786', '"Nurnberg HBF"'),
```

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('7787', '"Ebenhofen BF"'),
('7788', '"Augsburg HBF"'),
('7789', '"Biessenhofen BF"'),
('7790', '"Buchloe BF"'),
('7791', '"Fussen BF"'),
('7792', '"Kempten HBF"'),
('7798', '"Marktoberdorf BF"'),
('7799', '"Marktoberdorf Schule"'),
('7800', '"Essen HBF"'),
('7801', '"Bochum HBF"').
('7802', '"Koln HBF"'),
('7803', '"Mannheim HBF"'),
('7808', '"Leuterschach BF"'),
('7831', '"Lindau HBF"'),
('7855', '"Roitzschjora Airport"'),
('7858', '"Heidelberg"'),
('8420', '"Berlin Brandenburg Willy Brandt"'),
('7893', '"Nannhausen"'),
('7903', '"Marl-Loemuehle Airport"'),
('7905', '"Lahr Airport"'),
('7915', '"Plattling Bahnhof"'),
('7916', '"Osterhofen Bahnhof"'),
('7917', '"Passau Hbf"'),
('7918', '"Regensburg-Oberhub Airport"'),
('7919', '"Regensburg HBF"'),
('7920', '"Treuchtlingen BF"'),
('7933', '"Magdeburg-Cochstedt"'),
('7934', '"Wurzburg HBF"'),
('7996', '"Bamberg BF"'),
('7997', '"Ingolstadt BF"'),
('8006', '"Landshut Ellermuehle"'),
('8007', '"Itzehoe-Hungriger Wolf Airport"'),
('8015', '"Frankfurt-Main Hauptbahnhof"'),
('8035', '"Allstedt"'),
('8036', '"BWKAM"'),
('8037', '"Glindbruchkippe"'),
('8039', '"Peine-Eddesse Airport"'),
('8054', '"Spremberg-Welzow Airport"'),
('8085', '"Rotenburg Wuemme Airport"'),
('8086', '"Wipperfuerth-Neye Airport"'),
('8087', '"Osnabrueck-Atterheide Airport"'),
('8088', '"Ballenstedt Airport"'),
```

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('8089', '"Hartenholm Airport"'),
('8090'. '"Ganderkesee Atlas Airfield Airport"'),
('8091', '"Nienburg-Holzbalge Airport"'),
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('8093', '"Borkenberge Airport"'),
('8094', '"Obermehler-Schlotheim Airport"'),
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('8098', '"Celle-Arloh Airport"').
('8099', '"Uelzen Airport"'),
('8100', '"Hamm-Lippewiesen Airport"'),
('8101', '"Luesse Airport"'),
('8102', '"Porta Westfalica Airport"'),
('8103', '"Brilon Hochsauerlandkreis Airport"'),
('8104', '"Hameln Pyrmont Airport"'),
('8105', '"Nordholz Spieka Airport"'),
('8106', '"Koethen Airport"'),
('8107', '"St. Michaelisdonn Airport"'),
('8108', '"Salzgitter Druette Airport"'),
('8109', '"Karlshoefen Airport"'),
('8110', '"Oldenburg Hatten Airport"'), ('8111', '"Rinteln Airport"'),
('8112', '"Muenster-Telgte Airport"'),
('8113', '"St. Peter-Ording Airport"'),
('8114', '"Luechow-Rehbeck Airport"'),
('8115', '"Klietz-Scharlibbe Airport"'),
('8116', '"Burg Airport"'),
('8119', '"Bad Neuenahr-Ahrweiler Airport"'),
('8120', '"Bad Duerkheim Airport"'),
('8124', '"Leverkusen Airport"'),
('8126', '"Wershofen Eifel"'),
('8164', '"Pferdsfeld"'),
('8432', '"Gera Leumnitz"'),
('8433', '"Gera Leumnitz"'),
('8440', '"Blomberg 3GGW"'),
('8441', '"Buckeburg"'),
('8453', '"WERL KAZERNE"'),
('8455', '"LAKE WANNSEE"'),
('8459', '"Muenster-Telgte"'),
('8488', '"Hauptbahnhof"'),
('8500', '"Flugplatz"'),
('8501', '"Flugplatz Finow"'),
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```
('8584', '"Zoo"'),
('8585', '"Frankfurt Oder Hbf"'),
('8589', '"Ostbahnhof"'),
('8602', '"Gesundbrunnen"'),
('8603', '"Saarmund Airport"'),
('8620', '"Forchheim Airport"'),
('8621', '"Bergstrasse Airport"'),
('8637', '"Sudkreuz"'),
('8656', '"Wiescheid"'),
('8671', '"Grefrath-Niershorst Airport"'),
('8672', '"Offenburg"'),
('8673', '"Oberwolfach"'),
('8674', '"Karlsruhe Hbf"'),
('8675', '"Lichtenwalde"'),
('8676', '"Karlsruhe"'),
('8677', '"Holzhau"'),
('8680', '"Bad Herrenalb"'),
('8689', '"Segeletz Airport"'),
('8749', '"Hannover Messe-Heliport"'),
('8750', '"Peenemunde Airfield"'),
('8765', '"Memmingen Rail Station"'),
('8766', '"Ulm Railway Station"'),
('8767', '"Aachen HBF"'),
('8770', '"Wyk auf Foehr"'),
('8810', '"Hamburg Hbf"'),
('8814', '"BLABU"'),
('8855', '"Neustadt-Glewe"'),
('8856'. '"Berchtesgarden BKS"'),
('8857', '"Hohe Duene"'),
('8860', '"Wildenrath AB Closed"'),
('8861', '"Bremgarten Airport"'),
('8862', '"Bitburg AB closed"'),
('8882', '"Neuwied"'),
('8898', '"Monchengladbach Central Station"'),
('9070', '"Nuernberg Port"'),
('9072', '"Stein"'),
('9073', '"Dippenricht Heliport"'),
('9079', '"Thalmaessing Waizenhofen"'),
('9100', '"Petersdorf"'),
('9137', '"Sonderlandeplatz Schleissheim"'),
('9141', '"Verden Scharnhorst"'),
('9147', '"Bruck-Nittenau"'),
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```
('9167', '"Puttgarden"'),
('9176', '"Osnabrueck Hbf"'),
('9177', '"Hannover Hbf"'),
('9232', '"Neumuenster"'),
('9380', '"Pellworm"'),
('9385', '"Weimar"')]
```

Command took 0.40 seconds -- by 06varshagupta@gmail.com at 8/28/2022, 6:39:32 PM on 6639