







DFSA	What is Digi	tal Investiga	tion?	
		Criminal	Commercial	Defence
	Critical infrastructure	Terrorism	Supply chain etc	State-owned infrastructure
	Cyber	Cybercrime	Incident Response	Information warfare
	Physical	Captured evidence	Telemetry / Black Box	Hybrid warfare
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Country	Systems	Frequency Band	Date of Launch	1991 Subscribers
United Kingdom	TACS	900MHz	1985	1,200,000
Scandinavia (Sweden, Norway, Finland,	NMT	450MHz	1981	1,300,000
Denmark)		900MHz	1986	
France	Radiocom 2000	450, 900MHz	1985	300,000
	NMT	450MHz	1989	90,000
Italy	RTMS	450MHz	1985	60,000
	TACS	900MHz	1990	560,000
Germany	C-450	450MHz	1985	600,000
Switzerland	NMT	900MHz	1987	180,000
Netherlands	NMT	450MHz 900MHz	1985 1989	130,000
Austria	NMT	450MHz	1984	60,000
	TACS	900MHz	1990	60,000
Spain	NMT	450MHz	1982	60,000
	TACS	900MHz	1990	60,000









DFSA	
	Who? What? Where? When? Why? How?
The • •	e most important factor is WHEN Filtering Sequencing Coordinating across devices
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	data_id	duration	total_energy_burned	otal_basal_energy_burnec	total_distance	activity_type	goal_type	goal	total_w_steps	total_fligh
1	72154	206.020883977413	12.957	5.686	0.0238737498045084	52	0	NULL	NULL	NULL
2	97254	9552.91305494308	423.86900000003	284.221999999995	6.74058609838624	52	0	NULL	NULL	NULL
3	321535	5518.13983201981	284.895999999999	163.394999999993	3.51494561836281	52	0	NULL	NULL	NULL
4	515802	4848.71914386749	299.872318600053	144.448113451697	3.52704466120759	52	0	NULL	NULL	NULL
5	527363	301.979614973068	30.7462246212621	8.89446087984324	NULL	35	0	NULL	NULL	NULL
6	536523	1232.1825479269	98.8695300745293	36.2734586683301	1.52156833829079	52	0	NULL	NULL	NULL
7	545557	6197.46163594723	401.521910856412	184.806410552514	5.33748954152362	52	0	NULL	NULL	NULL
Res At sel	sult: 247 line 1: ect * fron	rows returned in n workouts	130ms							









1 2 3 4 5 6 7 8 9 10 11 12 13 14	A IIMEZONE EXTRACTION select samples.data_id, data_type, datetime(objects.creation_date+978307200,'unixepoch') as "Creation Date", datetime(start_date+978307200,'unixepoch') as "End Date", datetime(end_date+978307200,'unixepoch') as "End Date", quantity_samples.quantity, data_provenances.tz_name, data_provenances.source_version from samples left outer join quantity_samples on samples.data_id=quantity_samples.data_id left outer join objects on samples.data_id=objects.data_id left outer join data_provenances on objects.provenance=data_provenances.RC where data_type=7	samples data_id start_date end_date data_type	objects data_id uuid provenance type creation_date data_id quantity original_quantity original_unit	data_provenances ROWID origin_product_type source_version tz_name unit_strings ROWID unit_string
			63	

Trave	l Diary			
Time zone	Timestamp UTC	Timestamp (local)	Status	Ground truth
Australia/Adelaide	25/6/2017 20:59	26/6/2017 6:29	Departure	Adelaide 06:25 (local)to Hong
Asia/Hong_Kong	26/6/2017 6:30	26/6/2017 14:30	Arrival	Kong 13:45 (local)
Asia/Hong_Kong	27/6/2017 2:08	27/6/2017 10:08	Departure	Hong Kong 00:25 (local) to
Europe/Helsinki	27/6/2017 2:39	27/6/2017 5:39	Arrival	Helsinki 06:00 (local)
Europe/Helsinki	29/6/2017 12:05	29/6/2017 15:05	Departure	Ferry to Tallinn 14:00-16:00
Europe/Tallinn	29/6/2017 12:22	29/6/2017 15:22	Arrival	(local)
Europe/Tallinn	16/7/2017 14:12	16/7/2017 17:12	Departure	Ferry to Helsinki 16:00-18:00
Europe/Helsinki	16/7/2017 14:22	16/7/2017 17:22	Arrival	(local)
Europe/Helsinki	17/7/2017 21:08	18/7/2017 0:08	Departure	Dep 16/7 20:55 UTC Helsinki
Australia/Adelaide	17/7/2017 22:52	18/7/2017 8:22	Arrival	Arr 17/7 08:40 UTC Singapore Dep 17/7 11:55 UTC Singapore Arr 17/7 19:20 UTC Melbourne Dep 17/7 21:30 UTC Melbourne Arr 17/7 22:50 UTC Adelaide
				64



SA New Toys	
Origin_product_type	Source_version
iPhone8,2	10.3.1
iPhone8,2	10.3.2
iPhone9,4	10.3.2
iPhone9,4	10.3.3
iPhone9,4	11.0
	66





































