

## February 2019

WEEK 1  
WEEK 2  
WEEK 3  
WEEK 4

Mon	Tue	Wed	Thu	Fri	Sat	Sun
				1	3	2
4	5 Public Holiday: Chinese New Year	6 Public Holiday: Chinese New Year	7 Welcome to the Big Data Analytics class!	8	9	10
11	12 Lecture 1	13	14 Group Assignment 1	15	16	17
18	19 Lecture 2	20	21 Lecture 2 Group Project Proposal	22	23	24
25	26 Lecture 3	27	28 Lecture 3			
<p><b>Lecture 1: Introduction to Big Data Analytics</b>  <b>Lecture 2: Collection, Sampling and Pre-Processing</b>  <b>Lecture 3: Data Analytics Lifecycle (DAL)</b></p> <p><b>Coursework:</b>  <b>Group Assignment 1 (10%):</b> What Happens when the Data Becomes Bigger?  <b>Group Project Proposal (5%)</b></p>						

March 2019						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
				1	2	3
4	5 Quiz 1	6	7 Lecture 4	8	9	10
11	12 Lecture 4	13	14 Lecture 5	15	16	17
18	19 Test 1	20	21 BREAK	22 BREAK	23 BREAK	24 BREAK
25	26 Lecture 5	27	28 Lecture 6	29	30	31
<b>Lecture 4: Introduction to Parallel Processing/Programming</b> <b>Lecture 5: Hadoop, HDFS &amp; MapReduce</b> <b>Lecture 6: Predictive Analytics</b>  <u><b>Coursework:</b></u> <b>Quiz 1 (10%):</b> All lectures covered so far <b>Test 1 (20%):</b> All lectures covered so far						

WEEK 9  
WEEK 10  
WEEK 11  
WEEK 12  
WEEK 13

## April 2019

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	2 Lecture 6	3	4 Group Assignment 2	5	6	7
8	9 Lecture 7	10	11 Lecture 8	12	13	14
15	16 Quiz 2	17	18 Lecture 8	19	20	21
22	23 Lecture 9	24	25 Lecture 9	26	27	28
29 [IOW]	30 [IOW] Lecture 10					

**Lecture 6: Predictive Analytics**

**Lecture 7: Descriptive Analytics**

**Lecture 8: Survival Analysis**

**Lecture 9: Social Network Analytics**

**Lecture 10: Example Applications**

**Coursework:**

**Group Assignment 1 (10%):** All lectures covered so far

**Quiz 2 (10%):** All lectures covered so far

**Dr. Raini / CSC 3303 (11.30 AM – 12.50 PM, Tuesday & Thursday)**  
**Semester 2 2018-2019/DCS/KICT/IIUM**

**WEEK 13**  
**WEEK 14**

## May 2019

Mon	Tue	Wed	Thu	Fri	Sat	Sun
		<b>1 [IOW]</b>  <b>Public Holiday: Labor Day</b>	<b>2 [IOW]</b>  <b>Lecture 10</b>	<b>3 [IOW]</b>  <b>Group Project Report</b>	<b>4</b>	<b>5</b>
<b>6</b>	<b>7</b>  <b>Group Project Presentation</b>	<b>8</b>	<b>9</b>  <b>Test 2</b>	<b>10</b>	<b>11</b>	<b>12</b>
<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>  <b>Hari Wesak</b>
<b>20</b>  <b>Public Holiday: Cuti Hari Wesak</b>	<b>21</b>	<b>22</b>  <b>Public Holiday: Nuzul Al-Quran</b>	<b>23</b>	<b>24</b>	<b>25</b>	<b>26</b>
<b>27</b>	<b>28</b>	<b>29</b>	<b>30</b>	<b>31</b>		

**Coursework:**

**Group Project Report (10%)**

**Group Project Presentation (5%)**

**Test 1 (20%): All lectures**